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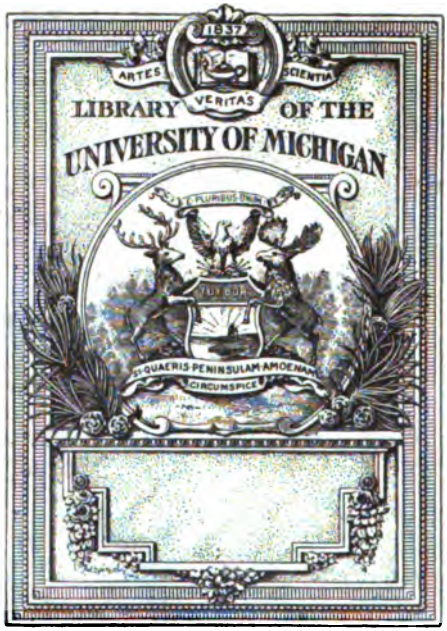
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—OF THE—

SYRACUSE UNIVERSITY.

1883--'84.

ANNUAL

OF THE

SYRACUSE UNIVERSITY

FOR THE

COLLEGIATE YEAR

1883-84.

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Joseph T. D. Fisher,	l. s.	*Thann, Elsass*,	19 Mulberry.
Sylvia Louisa Fox,	l. s.	*North Western*,	40 Williams.
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Hugh Parker,	l. s.	*Pratt's Hollow*,	59 U. Ave.
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George Nelson Lewis,	l. s.	*Kingston, Pa.* 156 E. Fayette.	
Josiah Hollister Lynch,	c.	*Norwich*,	636 Irving.
William Augustus Mehan,	c.	*Mechanicsville*,	26 Gazelle.
Frank Wilbur Merrick,	c.	*Steuben*,	53 Lemon.
Howard Dixon Mitchell,	c. e.	*Hot Springs, Ark.* 173 Adams.	
Frank Meredith Moore,	l. s.	*Syracuse*,	129 W. Genesee.
Rose Edgerlie Pindar,	c.	*Lima*,	640 Irving.
George Norman Price,	c. e.	*Mendota, Ill.*,	
Henry Walter Pritchard,	s.	*Corning*,	210 E. Fayette.
Mary Willis Safford,	l. s.	*Syracuse*,	5 S. Onondaga.
Emmons Harvey Sanford,	c.	*Oneonta*,	106 Harrison.

Carrie Elizabeth Sawyer,	c.	*Syracuse*,	98 University A.
Robert Judson Scott,	c.	*Prattsburg*,	4 W. Castle.
Eva Garnsey Seaman.	c.	*Schenectady*,	334 Chestnut.
Frederick Bemister Shepherd,	l. s.	*Adams*,	231 Madison.
Fanny Celestia Tousey,	s.	*Syracuse*,	613 Irving.
Judson L. Transue,	c.	*Bellona*,	228 Madison.
Seward Transue,	c.	*Bellona*,	22 Quince.
Frank Dean Tubbs,	c.	*Mexico*,	173 Adams.
Montane Turtelot,	c.	*Herkimer*,	53 Lemon.
Pill Ernest Turtelot.	c.	*Herkimer*,	53 Lemon.
Emily Gertrude Weegar,	s.	*Akron, O.*,	626 Irving.
Charles Harper Wilder,	c.	*Rochester*,	90 University A.

UNCLASSIFIED.

George Matthew Brown,	c.	*Knoxboro*,	9 Marshall.
Courtenay DeKalb,	s.	*Frederick, Md.*,	Jervis House.
Charles Oliver Dewey,	c.	*Binghamton*,	59 Univ. Ave.
Carrie Rouse Fisher,	s.	*Adams*,	195 East Fayette.
William Robinson Gruffuth,		*Utica*,	
Nellie Rose Eldred Hand,	c.	*Clyde*,	5 Green.
George Edwin Higgins,		*Memphis*,	
Jennie Louise Johnson,		*Newark, N. J.*,	Ostrom A.
Eliza J. Leyden,		*Syracuse*,	316 Mulberry.
Francis Conrad Osborn,	c.	*Manlius Station*,	25 Gazelle.
Rowland Charles Price,	s.	*Syracuse*,	112 W. Genesee.
Mary Lincoln Quivey,		*Baldwinsville*,	157 E. Wash.
Frederick Brown Sackett,	l. s.	*S. Plymouth*,	620 Chestnut.
Emma Letitia Turner,	c.	*New Baltimore*,	731 Irving.
Frank Lyon Wheaton,		*Camillus.*	
Adela E. White,		*Pittston, Pa.*,	47 E. Onon.

College of Medicine.

FACULTY

OF THE

COLLEGE OF MEDICINE,

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

JOHN TOWLER, M.D.,
Emeritus Professor of Chemistry.

CHAS. E. RIDER, M.D.,
Emeritus Professor of Ophthalmology.

FREDERICK HYDE, M.D., DEAN,
Professor of Principles and Practice of Surgery.

HENRY D. DIDAMA, M.D.,
Professor of Principles and Practice of Medicine and Clinical Medicine.

NELSON NIVISON, M.D.,
Professor of Physiology, Pathology and Hygiene.

WILFRED W. PORTER, M.D.,
Professor of Obstetrics and Gynecology.

WILLIAM T. PLANT, M.D., REGISTRAR,
Professor of Diseases of Children and Clinical Medicine.

ROGER W. PEASE, M.D.,
Professor of Operative and Clinical Surgery.

ALFRED MERCER, M.D., TREASURER,
Professor of Minor and Clinical Surgery.

WM. MANLIUS SMITH, M.D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M.D.,
Professor of Opthalmology and Otology.

J. GILBERT JUSTIN, M.D., LIBRARIAN,
Professor of Forensic Medicine.

GAYLORD P. CLARK, M.D.,
Professor of Anatomy.

DAVID M. TOTMAN, M.D.,
Lecturer on Physiology.

A. CLIFFORD MERCER, M.D., CURATOR,
Lecturer on Microscopy and Histology,

WILLIAM H. DUNLAP, M.D.,
Lecturer on Materia Medica and Therapeutics.

FREDERICK W. SMITH, M.D.,
Instructor in Anatomy.

HENRY L. ELSNER, M.D.,
Instructor in Practice of Medicine.

JOHN C. HEFFRON, M.D.,
Instructor in Histology.

CENSORS.

C. S. STARR, M.D., Rochester.

R. M. MOORE, M.D., Rochester.

HENRY B. ALLEN, M.D., Baldwinsville.

STUDENTS.

THIRD YEAR—'84.

Abbie M. Adams,	Wisconsin.
Willis G. Babcock,	New York.
Frank O. Bright,	" "
Vincent A. Crandall, B. S..	" "
Nathaniel A. Cavenor,	" "
Anna F. Crowell,	" "
Reuben C. Hanchett,	" "
James O. Longstreet,	" "
Dwight H. Murray,	" "
Calvin B. Stevens,	" "
Herbert W. Swartz,	" "

SECOND YEAR.

Frank A. Adams,	New York.
F. E. Bruce,	" "
F. C. Drake,	" "
Frank D. Finley,	" "
Edward C. Johnson,	" "
Herbert B. Martin,	" "
Earll W. Smith,	" "
Lucius H. Smith,	" "
Otto A. Thomas,	" "

FIRST YEAR.

F. A. Augur,	New York.
William B. Coats,	" "
William A. Cahill,	" "

Mary E. Carleton,	New York.
Emory A. Didama,	" "
Myra A. Gillette,	" "
Edward L. Johnson,	" "
Ray Lyons,	Penn.
Adelbert W. Marsh,	New York.
James F. Michel,	" "
Arthur E. Mink,	" "
E. S. Maxson, A. B.,	" "
Hartman L. Oberlander,	" "
Harry H. Pease,	" "
Wheelock Ryder, B. S.,	" "
Wallace D. Russell,	" "
John W. Scott,	" "
Mary E. Stewart,	" "
William C. Todt,	" "
Herman C. Van Horne,	" "
Will A. Washburn,	" "

College of Fine Arts.

FACULTY

OF THE

COLLEGE OF FINE ARTS.

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

GEORGE F. COMFORT, A.M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SHULTZE, MUS.D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M.P.,
Professor of Drawing.

GEORGE A. PARKER,
Professor of the Piano.

ISAAC V. FLAGLER,
Instructor upon the Organ.

KATE E. STARK,
Instructor in Vocal Music.

WARD V. RANGER,
Instructor in Photography.

HIRAM S. GUTSELL, A. M., B. P.,
Instructor in Modeling and Etching.

GEORGE H. LIDDLE, B. P.,
Instructor in Perspective Drawing and Architectural Drafting.

E. ELY VAN DE WARKER, M.D.,
Lecturer on Artistic Anatomy.

STUDENTS.

POST-GRADUATES.

		City Address.
Caroline Ida Gilger, B. M.,	p. m.	*Syracuse*, 31 Gertrude.
Charlotte Neil Hardee, B. M.,	m.	*Cazenovia*, 237 Madison.
Silas Day Loughmiller, B. Ar.,	p.	*New Albany, Ind.*, 228 Mad.

SENIOR CLASS.

DeResco Augsburg,	p.	*Theresa*, 142 E. Jefferson.
Harriet Amelia Blakeslee,	m.	*Syracuse*, 179 E. Fayette.
Cornelia Lydia Brown,	p.	*Cortland*, 522 Chestnut.
Izora Cecilia Chandler,	s. p.	*Lockport*, 182 E. Adams.
Silas Gildersleeve Comfort,	ar.	*Syracuse*, 110 E. Genesee.
Nettie Alida Currey,	m.	*Oswego*, 420 Chestnut.
Fanny English,	s. p.	*Seneca Falls*, 21 Gazelle.
Ruth Elizabeth Guibault,	m.	*Syracuse*, 711 Chestnut.
Nellie Lake,	m.	*Syracuse*, 26 E. Onondaga.
Maude Genevieve Reynolds,	p.	*Chicago, Ill.*, 182 E. Adams.

JUNIOR CLASS.

Charles Wesley Augustus Ball,	m.	*Tully*, 265 E. Genesee.
Hattie Marshall Barnes	s. m.	*Oswego*, 62 Warren.
Elizabeth Bowne Chapman,	m.	*Syracuse*, 249 Madison.
Bolton Coit Brown,	p.	*Ithaca*, 140 Harrison.
Gertrude Miranda Dada,	m.	*Fulton*, 168 E. Adams.
Sarah Gardner,	s. m.	*Syracuse*, 63 E. Fayette.
Betsy Jane Gutsell,	p.	*Conquest*, 128½ Harrison.

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar. or s. m. indicates that the student is taking a Special Course in Painting, Architecture or Music, respectively.

			City Address.
Carrie Parke Jones,	m.	*Chittenango*,	79 Irving.
Sara Miranda Maxson, B. Ph.	p.	*Syracuse*,	208 Madison.
Della Celia Mills,	m.	*Syracuse*,	25 Locust.
Kate Bennett Morgan,	s. p., s. m.	*Rochester*,	731 Irving.
Lola Reynolds,	p.	*Syracuse*,	182 E. Adams.
Clara Elizabeth Sargent,	m.	*Ilion*,	92 Univ. Ave.
Jessie Louise Shipman,	m.	*Elmira*,	629 Irving.
Mary Dumont Sims,	s. m.	*Syracuse*,	Univ. Ave.
Emma Augusta Smith,	s. m.	*Meridian*,	7 Cedar.
Ida Potter Smith,	m.	*Syracuse*,	5 Baker.
Ida Maria Steingrebe,	m.	*Syracuse*,	55 Union.
Annie Tanner	m.	*Cortland*,	35 Univ. Ave.
Nellie Augusta Sweet,	p., s. m.	*Cicero*,	232 Madison.
Roscoe Conkling Yourdon,	s. m.	*Northwestern*,	265 E. Gen.

SOPHOMORE CLASS.

Abbie Adelia Baldwin,	m.	*Syracuse*,	65 E. Jefferson.
Minnie Adelle Barney,	p.	*Syracuse*,	15 Merriman Av.
Mary Jennette Beck,	s. m.	*Oswego.*	
Martha Louisa Blaine,	p.	*Seattle, W. Ter.*	167 E. Adams.
Katharine Augusta Bridges,	s. p.	*Syracuse*,	730 Irving.
Anna Bell Casey,	p.	*Syracuse*,	117 Burnet.
Mary Octavia Caven,	p.	*Syracuse.*	28 Baker.
Nellie Florence Chamberlayne,	s. p.	*Olean*,	168 E. Adams.
Charles Kortright Clark,	s. m.	*Pulaski.*	
Margaret May Clarke,	s. m.	*Elbridge.*	
Mary Grace Comfort,	p., s. m.	*Syracuse*,	110 E. Genesee.
Caroline Hill Crawford,	m.	*Syracuse*,	15 Shonnard.
Mary Winona Dennis,	s. m.	*Syracuse*,	210 Madison.
Flora Drescher,	s. m.	*Syracuse*,	57 Union.
Cora Edith Dyer,	p.	*Hampton*,	66 Spruce.
William Young Foote,	s. m.	*Jamesville*,	42 E. Fayette.
Agnes Emma Foster,	s. p.	*Palmyra*,	142 E. Jefferson.
Elizabeth May Hall,	p.	*Syracuse*,	66 Spruce.
Minnie Bell Harrington,	p., s. m.	*Syracuse*,	180 E. Adams.

		City Address.
Ann Algeria Howell,	s. p.	*Palmyra*, 142 E. Jefferson.
George Huntington,	m.	*Homer*, 179 E. Fayette.
Cora Bell Lyon,	p.	*Palmyra*, 142 E. Jefferson.
Edgar Stanton Maclay,	s. m.	*Yokohama, Jap.*, 104 U. Av.
Eugene Cecil Olcott,	p.	*Syracuse*, 18 North West.
Mary Edith Orr,	p.	*Syracuse.*
Florence May Palmer,	s. m.	*Syracuse*, 49 E. Avenue.
Lucie Albertine Park,	s. m.	*Bangor Me.* 14 Cedar.
Emma Louisa Parkinson,	m.	*Sauquoit*, 203 E. Fayette.
Clara Porter,	s. m.	*Geddes*,
Theo Price,	p.	*Mendota, Ill.*, 629 Irving.
Elmer Joseph Read,	p.	*Bradford*, 187 Madison.
Eva Adelaide Seymour,	m.	*Syracuse*, 129 Harrison.
Anna Bradford Sheldon,	m.	*Oswego.*
Mary Manuella Stewart,	m.	*Brooklyn*, 28 Chestnut.
Anna Hemans Smith,	m.	*Syracuse*, 12 Gazelle.
Carrie May Taylor,	m.	*Mooers.*
Jessie Rankin Tyler,	m.	*Syracuse*, 34 Shonnard.
Harriet Way,	m.	*Syracuse*, 34 Madison.
Clara Blackstone Wheeler,	s. p.	*Adams*, 636 Irving.
Jennie Emma Whitney,	s. m.	*Mexico*, 325 Irving.
Mary Susan Wilcox,	p.	*Bradford, Pa.* 522 Ches't.
Lilly Louisa Winters,	s. p.	*Syracuse*, 2 Britcher Block.

FRESHMAN CLASS.

Hattie Laura Armstrong,	s. m.	*Camillus*,
Hattie Prior Baldwin,	s. p.	*Bradford, Pa.*, 178 E. F'tte.
Minnie J. Henrietta Baumgras,	s. m.	*Syracuse*, 205 Lock.
Arlotta Matilda Beal,	s. p.	*E. Palmyra*, 142 E. Jeff'sn.
Addie Mary Bliss,	m.	*Peterboro*, 142 E. Jeff'sn.
Jerusha Blue,	s. m.	*Syracuse*, 729 Irving.
Jean Brown,	s. m.	*Elmira*, 629 Irving.
Anna Calthrop,	s. m.	*Brighton.*
Mattie Carns,	s. m.	*Slaterville*, 38 Lemon.
Mary Lucretia Cobb,	m.	*Carthage*, 21 Gazelle.

			City Address.
Anna Collier,	s. m.	*Chittenango.*	
Lillian Emma Downing,	s. m.	*Syracuse,*	12 Gazelle.
George Byron Deuel,	s. m.	*Saratoga,*	228 Madison.
William Grant Egbert,	s. m.	*Danby,*	12 Grace.
Lillian May Fairchild,	m.	*Cortland,*	78 Kirkpatrick.
Lena Fobes,	s. m.	*Syracuse,*	163 James.
Jennie Holliday Godfrey,	s. m.	*Syracuse,*	320 Chestnut.
Helen Jane Grange,	m., s. p.	*Napanee, Ont.,*	610 Ches'nt.
Theresa Gutstadt,	s. m.	*Syracuse,*	5 Granger Place.
Wilhelmine Hagermann,	s. m.	*Syracuse,*	114 South West.
Gates Hamburger,	s. m.	*Syracuse,*	138 E. Jefferson.
Matie Lee Hart,	s. p., s. m.	*Foxbury, Pa.,*	638 Ches'nt.
Hiram Barnett Hawley,	ar.	*Syracuse,*	53 E. Onondaga.
Bertha Hoffmann,	s. m.	*Syracuse,*	140 Hawley.
Frank Robert Holmes,	s. m.	*Central Square.*	
Agnes Elizabeth Humphries,	s. m.	*Syracuse,*	69 McBride.
Jennie Louise Johnson,	s. m.	*Newark N. J.,*	Ost. Ave.
Lilly Jordan,	m.	*Syracuse,*	52 Union.
Jennie Charlotte Lathrop,	s. p.	*Syracuse,*	246 E. Genesee.
Charles Francis Lighton,	ar.	*Syracuse,*	95 E. Wash'gton.
Mary Ellen Lighton,	p.	*Syracuse,*	8 Catherine.
Hattie Adeline Long,	s. m.	*Syracuse,*	14 Yates Ter'ce.
Marie Louise Meyer,	s. p., s. m.	*Boston, Mass.*	4 Gr'way Pl.
May Bunnell Morgan,	s. m.	*Lima,*	731 Irving.
Jane Theresa Myers,	s. m.	*Syracuse,*	27 Seymour.
Elizabeth Jennie Nims,	s. p.	*Syracuse,*	125 Warren.
Mary Josephine Ohlheiser,	s. m.	*Auburn,*	
Ella Minerva Pardoe,	m.	*Oneonta,*	97 Irving.
Harriet Patchen,	s. p.	*Dryden,*	247 Madison.
Mary Frances Pinckney,	s. m.	*S. Onondaga,*	156 E. Fay'te.
Kate Lemina Pond,	s. m.	*Knoxboro,*	142 E. Jefferson.
Ida May Reese,	m.	*Centreville,*	9 Wesleyan b'k.
George Rexford Russell,	s. m.	*Ilion,*	231 Madison.
Wallace Delos Russell,	s. m.	*Russia,*	12 Gazelle.
Etta Medora Sheldon,	m.	*Syracuse,*	119 Montgomery.
Laura Austin Sheldon,	s. m.	*Oswego,*	44 Chestnut.

			City Address.
Martha Schultze,	s. m.	*Syracuse*,	4 Greenway Pl.
Carl Schwartz,	s. m.	*Cortland*,	
Margaret Ann Sexsmith,	s. m.	*Wolcott*,	66 Almond.
Orinda Jane Sexsmith,	t. m.	*Wolcott*,	66 Almond.
Anna Granger Sherwood,	s. p.	*Canandaigua*	728 Chestnut.
Mariam Sloss,	s. m.	*Syracuse*,	123 Montgom'y.
Clara May Smith,	s. m.	*Cicero*,	
Clara Stone,	p.	*Scriba*,	257 E. Fayette.
Priscilla Dilkes Stratton,	s. m.	*Buffalo*,	Jervis House.
Anna Belden Velasko,	s. m.	*Syracuse*,	Wells Block.
Alice Aurelia Webster,	s. m.	*Apulia*,	
Anna Belle Webster,	s. m.	*Apulia*,	
May Leonora Weeks,	s. m.	*Skaneateles*,	
Edward De Forest White,	s. m.	*Sprout Brook*,	92 Univ. Av.
Yetta Weismann,	s. m.	*Syracuse*,	52 Mulberry.

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

Annie Louise Barton,	*Syracuse*,	410 Irving.
Florence Ida Barton,	*Syracuse*,	410 Irving.
Tina Baumer,	*Syracuse*,	260 N. Salina.
Ida Clara Beebe,	*South Richland*,	
Belle Louise Booth,	*Wolcott*,	35 Univ. Av.
Belle Bowen,	*Tyre*,	92 Univ. Av.
Anna Dickinson Brooks,	*Bernhard's Bay*,	647 Irv'g.
Alice Myrtan Brown,	*Apulia*,	
Minnie Elizabeth Curtis,	*Syracuse*,	9 Cedar.
Clara Louise Fisk,	*Oswego*,	
Leone Adelle Fitch,	*Lowville*,	85 Univ. Av.
Charlotte Goldstein,	*Syracuse*,	43 Harrison.
Nelly Jennette Halliday,	*Onondaga Valley*,	
May Gwin Hamblen,	*Hot Springs, Ark.*	96 U. Av.

		City Address.
Alexander Godfred Hoeffler,	*Syracuse*,	38 Belden Av.
Clara Louise Jones,	*Syracuse*,	318 Irving.
Louise Lizzie Jones,	*Ithaca*,	35 Seymour.
Carrie Eugenia Kennedy,	*Camillus*,	
Thomas Dimmock Leonard,	*Syracuse*,	230 Madison.
Susan Lesser,	*Syracuse*,	82 E. Jefferson.
Minnie Levi,	*Syracuse*,	126 E. Jefferson.
Marietta Logan,	*Syracuse*,	15 Yates Ter'ce.
Anna Adelaide Marion,	*Syracuse*,	610 Chestnut.
Fannie Belle Ripson,	*Pulaski*,	
Bertha Sabin Sawyer,	*Syracuse*,	98 Univ. Av.
Rachel Shevelsohn,	*Syracuse*,	32 Cedar.
Georgie Adelaide Slade,	*Kelloggsville*,	15 Shonnard.
Blanche Stevens,	*Syracuse*,	143 E. Genesee.
Grace Greenwood Sweeting,	*South Butler*,	520 Chestn't.
Edith Grace Van Doren,	*Meridian*,	
Demetrius William Van Schoick,	*Danforth*,	267 Mulberry.
Lulu Jessie Wallace,	*Syracuse*,	46 Burnet.
Jennie Emma Weller,	*Lafayette*,	22 Furman.
Adela Evarts White,	*Pittston, Pa.*	47 E. Onond'a.
Jessie Eloise Whitman,	*Onondaga Valley*.	

SUMMARY OF STUDENTS.

COLLEGE OF LIBERAL ARTS.

Senior Class,	24	
Junior Class,	31	
Sophomore Class,	62	
Freshman Class,	55	
Unclassified,	16	— 188

COLLEGE OF MEDICINE.

Third Year,	11	
Second Year,	9	
First Year,	21	— 41

COLLEGE OF FINE ARTS.

Post-Graduate Students,	3	
Senior Class,	10	
Junior Class,	21	
Sophomore Class,	42	
Freshman Class,	61	— 137
Gymnasial Students in Music.		35
		401
Counted Twice,		8
Total,		393

DEGREES CONFERRED

BY THE

UNIVERSITY IN 1883.

Doctor of Laws.

Hon. William C. Ruger, (Chief Judge of Court of Appeals,) Syracuse.

Doctor of Divinity.

Rev. Henry Graham, Gloversville.
Rev. Jesse L. Hurlbut, Plainfield, N. J.
Rev. Richard Wheatley, Katonah.

Doctor of Philosophy.

[Conferred only upon Examination.]

Rev. LaFayette Congdon, A. M., (Ethical Philosophy) Wolcott.
Prof. Charles A. Gardiner, A. M.,(Constitutional History) Hamilton.
Rev. Curtis E. Mogg, A. M., (Evidences of Christianity) Liverpool.
Rev. Geo. B. Stevens, A. M., (Evidences of Christianity) Watertown.
Prof. Frank N. Thorpe, A. M., (American History) North East, Pa.
Prof. Nathaniel M. Wheeler, A. M., (Greek and Philology) Appleton, Wis.

Master of Arts.

Elmer V. Aldridge, (upon Exam. in Spanish Lang. and Literature)
Charles A. Gardiner (" Constitutional History)
Ada J. Todd, (" Greek)

John D. Belknap,	(in course)	Albert S. Congdon,	(in course)
Theron R. Green,	"	Hiram S. Gutsell,	"
Fox Holden,	"	Albert C. Loucks,	"
John T. Roberts,	"	Martin R. Sackett,	"
Benjamin J. Shove,	"	Wilbur S. Smithers,	"

Charles W. Super.

Master of Philosophy.

Eloise Holden Nottingham, (In course.)

Master of Science.

George A. Bates, (In course.)
Wilbur W. Alden, (On examination in Physical Science.)

Bachelor of Arts.

De Forest O. Chamberlayne,
John S. Gibson,
Watson S. Hawkins,
William O. Mann,
Edwin S. Maxson,
Charles F. Sitterly,
Charles M. Turton,
Celia Ford,
James Devine,
John D. Jamison,
Harry N. Marvin,
Duncan M'C. Schell.
Lydia M. Thomsen,
Warren W. Walsworth,
George E. Zartman.

Bachelor of Philosophy.

Ella L. Boomer,
Minnie E. Curtiss,
Mary E. Griffin,
Edward S. Hunt,
Sara M. Maxson.
Mary S. Clark,
Robert H. Gere,
Everard A. Hill,
Edwin S. Maxson,
Henry H. Pease,
Frances C. Shoecraft.

Doctor of Medicine.

Albert A. Aldrich,
Dugrand D. Erway,
George N. Hall,
Herbert J. Nims,
Scott Owen,
Ralph H. Watkins,
Alexander J. Campbell,
Edward H. Galloway,
William H. Maynard,
Thomas G. Nock, Jr.,
Richard J. Stanton,
Fred H. Welles.

Bachelor of Painting.

Stella C. Jones,
Helena C. Reymon.
Katharina D. Smith Reynolds.

Bachelor of Music.

Kate S. Burr,
Henry R. Fuller,
Charles F. Thomsen.

ALUMNI ASSOCIATION.

OFFICERS FOR 1883-4.

PRESIDENT.

EDWIN NOTTINGHAM, Ph. B.,	Syracuse.

VICE-PRESIDENTS.

Rev. J. T. BROWNELL, A. M.,	Auburn.
Mrs. KATE HOGOBOOM GILBERT, M. S.,	Syracuse.

CORRESPONDING SECRETARY.

Mrs. ELOISE HOLDEN NOTTINGHAM, M. Ph.,	Syracuse.

RECORDING SECRETARY.

Prof. W. A. BROWNELL, Ph. D.,	Syracuse.

TREASURER.

Miss ELLA I. FRENCH, MUS. B.,	Syracuse.

EXECUTIVE COMMITTEE.

JOHN E. WEAVER, M. D.,	Elmira.
WILLIAM A. WOOD, M. S.,	Syracuse.
E. OLIN KINNE, M. D.,	Syracuse.
WILLIAM NOTTINGHAM, Ph. D.,	Syracuse.
EDWIN NOTTINGHAM, Ph. B.,	Syracuse.
Rev. C. C. WILBOR, Ph. D.,	Syracuse.

GENERAL INFORMATION.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are,

I. THE COLLEGE OF LIBERAL ARTS.

II. THE COLLEGE OF MEDICINE.

III. THE COLLEGE OF FINE ARTS.

They are all open for the admission of women on the same terms as men.

BUILDINGS AND GROUNDS.

The large and elegant building occupied by the Colleges of Liberal Arts and of Fine Arts stands on a beautiful site, containing fifty acres, within the city limits and commands a magnificent view of city, lake, and surrounding country.

The College of Medicine occupies suitable buildings near the center of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University; but indicates a reciprocity of kind offices. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College at Claverack; Cazenovia Seminary at Cazenovia; Ives Seminary at Antwerp;

Onondaga Academy at Onondaga Valley; and Yates Union School at Chittenango.

LIBRARIES.

The General Library contains about 12,000 carefully selected volumes, and is open daily except Sundays. A Reading Room abundantly supplied with current literature is connected with it. Students are permitted to use these without extra charge.

The Library of the College of Medicine is kept in its building.

MUSEUM.

The University is in possession of the College Series of Wards' Casts of Geological Specimens, handsomely mounted and exhibited. It has also purchased from Prof. Ward a collection of minerals and nearly three hundred selected rocks, many of them from various localities in Europe, and together illustrating excellently the subjects of mineralogy and lithology.

The Curator of the State Cabinet of Natural History, Prof. James Hall, LL. D., has, by direction of the State Legislature, selected and sent to our Museum a large variety of geological specimens.

Many individuals have contributed valuable collections, containing altogether several hundred specimens, comprising minerals, rocks, fossils, shells, mounted animals, and specimens of woods. The Onondaga Historical Association has placed in the care of the University its entire Cabinet, which is advantageously displayed in the Museum. This collection is especially rich in shells and corals.

The Medical College has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica. The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University now receives annually about $10,000 from its invested funds and $7,000 from Conference Professorships.

The William Penn Abbott Professorship has been endowed in the sum of $40,000 by the payment of $20,000 by Mr. John D. Slayback, and $10,000 each, by Mrs. W. P. Abbott and Mr. O. H. P. Archer, all of New York City.

The Northern New York, Troy, Wyoming, Genesee and Central New York Conferences, have each undertaken the maintenance and endowment of a Conference Professorship.

SCHOLARSHIPS.

In February, 1882, the Trustees authorized the establishment of fifty $1,000 perpetual scholarships, in which the University agrees to expend forever the accruing interest in tuition for worthy, needy students. Nine of these scholarships have already been established.

DEGREES.

The University confers the following Degrees upon those who satisfactorily complete the respective courses of study.

For the Classical Course, *Bachelor of Arts*; the Latin Scientific, or Greek Scientific Course, *Bachelor of Philosophy*; the Scientific Course, *Bachelor of Science*; the Civil Engineering Course, *Bachelor of Civil Engineering*; the Course in Architecture, *Bachelor of Architecture*; the Course in Painting, *Bachelor of Painting*; the Course in Music, *Bachelor of Music*; the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy will be conferred only upon those who pass satisfactory examinations upon the post-graduate studies required for that degree. (See the Post-Graduate Courses of Study, which will be furnished on application to the Secretary of the Faculty.)

The usual Master's degree will be conferred three years after that of Bachelor upon such as pursue liberal studies.

DEGREES TO NON-RESIDENTS.

Occasionally persons of studious habits and scholarly pursuits who have not in earlier life, completed a Course of Study in any college, desire, nevertheless, to obtain a degree which will properly represent their attainments. To meet this desire, the appropriate degree is offered to any person not less than twenty-eight years of age, who gives evidence on examination that he has fully mastered any course of study in the College of Liberal Arts or the College of Fine Arts. No substitutions which would lower the required standard of scholarship will be allowed. The work described must be thoroughly accomplished.

Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before commencement. The charge for such examination will be the same as for one year's tuition, with the usual graduation fee.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5.00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees, (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used,) are $20.00 per term; to sons and daughters of clergymen, $10.00.

When a student is struggling to secure an education, dependent upon his own resources alone, the University will, *if it should appear to be necessary, to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving College. Fee for graduation $20.00.

In the Medical College, the charges are: One term, $65; The Year, $100; Graduation, $25.00. The fee for the third year to students who have fully paid for the first and second years, is $50.00.

In the College of Fine Arts, the charges are: Tuition, $100 a year (or $33⅓ a term); Graduation, $20.00.

Term bills must be paid or secured at the opening of each term.

No degree will be conferred until all College bills are settled.

Board, with furnished room, can be obtained in the city for from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week and others rent rooms and board themselves at a still less expense.

COLLEGE OF LIBERAL ARTS.

TERMS.

The Collegiate year begins on the third Monday in September, and the first three days are devoted to examinations for entrance. The first term, consisting of fourteen weeks, ends on the Friday before Christmas, and is followed by a vacation of two weeks. The remainder of the Collegiate year is divided into two terms without an intervening vacation. The Second Term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT is held on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time; on passing the requisite examinations. Absence from any regular class exercise, or appointed duty, cannot be allowed without a satisfactory excuse.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and is intended to afford a thorough training in the classical languages and literature and mathematics. It introduces also the study of modern languages and sciences in proper proportion.

The Latin Scientific Course is substantially identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Greek-Scientific Course is the same as the Latin-Scientific Course, except that Greek stands in the place of Latin.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

The Course of Civil Engineering is intended to give the student such instruction in the theory and practice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one third of the student's time is devoted to subjects of his own selection, within a certain range; in the Senior year, the range of selection is somewhat larger.

The average number of recitations per week, required of each student, is sixteen; this does not include the rhetorical exercises, which are also required in all the courses of study.

CONDITIONS OF ADMISSION.

1. Classical Course.

Candidates for admission to the Freshman Class are required to pass a written examination in the following studies:

(1.) English Grammar.—Kerl's *Comprehensive*, entire, or its equivalent.

(2.) Geography.—*Modern Geography*, Physical and Civil and *Ancient Geography*, particularly that of Italy, Greece, and Asia Minor, as given in Allen's *Classical Hand Book*, or Baird's *Manual*.

(3.) History.—*United States History*, from the discovery of America to the close of the War of 1812. Merivale's *History of Rome*, first twenty-five chapters. Smith's larger *History of Greece*, the first fourteen chapters.

(4.) MATHEMATICS.—*Arithmetic*, entire. *Algebra*, Fundamental Rules, Fractions, Simple Equations, Elimination, Involution and Evolution, and the Calculus of Radicals, as treated in Robinson's New University Algebra, or its equivalent. *Plane Geometry*, the first five books of Davies' Legendre, or their equivalent.

(5.) NATURAL PHILOSOPHY.—Dr. J. Dorman Steele's Text Book, or its equivalent.

(6.) LATIN.—*Latin Grammar;* Four Books of *Cæsar's Commentaries;* Four Orations of *Cicero against Catiline; Sallust's Catiline;* Six Books of the *Æneid*, with special reference to the Prosody; Allen & Greenough's *Latin Composition*, part 1st complete. The requisite amount of Roman History and of Latin Prose should in no case be omitted, as the College Course begins in each at the point indicated.

(7.) GREEK.—Goodwin's *Greek Grammar;* Three Books of *Xenophon's Anabasis;* Two Books of the *Iliad.*

Certificates of having passed the Regents' Examination for the State of New York will be accepted for the preparatory studies which they cover.

2. LATIN-SCIENTIFIC COURSE.

Candidates for admission are examined in the studies required for the Classical Course, excepting the Greek.

3. GREEK-SCIENTIFIC COURSE.

Candidates are examined in the studies required for the Classical Course, excepting the Latin.

4. SCIENTIFIC COURSE.

Candidates for the Scientific Course are examined in the studies named in (1); (2), except Ancient Geography; (3), except Ancient History; (4); (5); and in one of the Latin Authors named in (6).

5. Course in Civil Engineering.

Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course, except Latin.

Any who do not desire to complete either of the regular courses of study, may take selected studies and recite in such classes as their qualifications will permit. They will be expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

Candidates for advanced standing are examined in the studies previously pursued by the classes which they propose to enter, or must give evidence that they have pursued an equivalent amount of study. Certificates of good character will be required.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1884 as follows: In *Latin*, Monday, June 23; in *Mathematics* and *Greek*, Tuesday, June 24; in other preparatory studies, Wednesday and Thursday, June 25 and 26. They will also be held in the same order on Monday, Tuesday and Wednesday, September 15, 16 and 17.

The examination will begin at 9 A. M. of each day.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While text books are retained and used, much of the instruction is given by familiar lectures.

FRESHMAN YEAR.

2nd Term. · English Literature to the Middle of the Eighteenth Century.
Collyer's History of English Literature is the text book.

SENIOR YEAR.

2nd Term. Later English, and American Literature.
Text-book,—*Nichol's Landmarks of English Literature.*
The subject of American Literature is taught by lectures.
(Elective.)—Lectures on Style, Composition and English Classics.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz:

Latin Grammar—Harkness' Standard—is the constant reference manual.

Latin Analysis—Smalley—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

FRESHMAN YEAR.

1st Term. Cicero, Cato Major and Lælius.
Prose Composition.
Roman History, Merivale.
During this and the following term, Latin Syntax and Etymology is carefully reviewed, the student committing, in Syntax, illustrative sentences.

2d Term. Livy, Book I or XXI.
Prose Composition.
Roman History.
Frequent exercise in writing accurate and elegant translations of Livy.

3d Term. Juvenal's Satires.
Written translations of Juvenal, and exercises in reading Latin at sight.
Roman History.
Essay on the Roman Satirists.

SOPHOMORE YEAR.

2d Term. Horace, Selections from the Odes, Epodes, Satires and Epistles.
Roman History completed.
Essays on Roman life, customs, dress, buildings, utensils, economy, etc , etc.
In this term, Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR.

1st Term. Tusculanæ Disputationes, 1st Book, together with Somnium Scipionis from the DeRepublica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the Soul.
Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of Ancient Philosophers, and to give a connected view of the schools which were the source of his Eclecticism.

2d Term. (Elective.) Either of the following:
Tacitus, Germania and Agricola, or Champlin's Selections.
Lucretius, De Rerum Natura.
Quintilian, Institutiones Oratoriæ. Books X and XII.
Horace, Ars Poetica and Epistles.
Plautus or Terence.

3d Term. Selections from the minor poets, Catullus, Tibullus Propertius, etc.
Latin Literature, Bender.

SENIOR YEAR.

1st Term. (Elective.)
Roman Literature, Browne's also Crutwell's, with Lectures on the origin and development of the Latin Language, and its early records and relics.

3.—Greek Language and Literature.

The subjects taught in this Department are the Language and Literature of Ancient Greece.

In teaching the Language, the aim is to enrich the student's vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the History, Geography and Archæology is pursued not only for the intrinsic value of the subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR.

1st Term. Owen's Homer's Iliad, four books.
Goodwin's Greek Grammar.

2d Term. Demosthenes on the Crown.
Goodwin's Grammar.
Arnold's Greek Prose Composition.

3d Term. Demosthenes on the Crown, completed.
Arnold's Greek Prose Composition.

SOHHOMORE YEAR.

1st Term. Plato's Apology and Crito.
Arnold's Greek Prose Composition.
Goodwin's Moods and Tenses.
3d Term. Greek Tragedy.
Goodwin's Moods and Tenses.

SENIOR YEAR.

2d Term. Greek Comedy.

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. From the very outset, through the entire course of instruction, the theoretical and practical methods are carried hand in hand. The time devoted to these languages is divided between tracing their philological features and their relations to other cognate languages, pursuing various practical exercises in conversation and writing, and the study of classical, scientific and artistic literature.

In the German language, the first year is devoted to Comfort's German Course and First German Reader; the second year to the same author's larger German Reader, and Manual of German Conversation, and to the reading of portions of Weber's History of German Literature, and of William Tell and other classic dramas.

In the French language, the first year is devoted to Havet's French Manual, the Student's French Grammar and to the reading of about fifty pages of DeFiva's French Reader; the second year to reading Drury's History of France, Demogeot's History of French Literature, and various works of the classic drama.

In the Italian language, Cuore's Grammar is employed, and Giudici's Italian Literature, and various classical dramas are read.

5.—MATHEMATICS.

FRESHMAN.—*Algebra*—Quadratic Equations—Calculus of Radicals—Theory of Indeterminate Co-efficients—

—Binominal Theorem and its application to the development of Functions—Theory and use of Logarithms—Elements of the Theory of Equations—and Horner's Method of Solving Higher Equations. The text-book used is Wentworth's Complete Algebra.

Geometry—Regular Polygons—Measurement of the Circle—Maxima and Minima of Plane Figures—Solid and Spherical Geometry—using Wentworth's work.

SOPHOMORE.—*Trigonometry* (Schuyler's) Plane and Spherical—*Land Surveying* (Schuyler's) with exercises in the field.

Analytic Geometry—(Bowser's)—Construction of Equations—Production of Equations of Plane Loci—Transformation of Co-ordinates—Properties of the Conic Sections.

Calculus—(Bowser's) *Differential:* Differentiation of Functions of a Single Variable—Maclaurin's and Taylor's Theorems with Binominal Theorem and Theory of Logarithms deduced—Maxima and Minima of Functions of a Single Variable—Evaluation of Indeterminate Forms. *Integral:* Elementary Forms—Binominal Differentials—Rectification and Quadrature of Plane Curves—Cubature of Volumes of Revolution.

JUNIOR.—*Mechanics* (Peck's University Edition) Elective in the Classical and Latin Scientific Courses, required in the Scientific Course—Composition of Forces—Centre of Gravity—Problems in Construction—Discussion of Machines—The Pendulum—Projectiles—Work—Composition of Rotations.

Astronomy—(Norton's Enlarged Work)—Required in all the Courses—Elementary Principles—Determination of Latitude, Longitude and Time—Precession—Aberration—Determination of the Elements of a Planet's Orbit—Eclipses, with the computation in full of an Eclipse of the Moon.

Students in the Course of Civil Engineering devote an addi-

tional term in the Junior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they attend to Railroad Engineering; the theory of strains as applied to the construction of bridges and roofs; project some original engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6.—Chemistry and Physics.

Instruction in Physics will be embraced in recitations and lectures, which, during the first term of the Sophomore year, is confined to the laws of solids, liquids and gases; the second term to Heat, and the third to Light and Electricity.

In Chemistry, which extends through the Junior year of each Course, the first term's instruction is devoted to the History of Chemistry, Chemical Philosophy, Stoichiometry and the Univalent elements. The lectures are illustrated by experiments and will be attended by thorough reviews and examinations.

Students in Analytical Chemistry are admitted to the Chemical Laboratory, and conduct with their own hands, a systematic course of analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in Chemical Technology, Blow-pipe examinations and Toxicological investigations.

7.—Geology, Zoölogy and Botany.

The subject of Physiology occupies the attention of students in all the Courses, through the first term of the Freshman year. Instruction is given in Structural and Systematic Zoölogy four hours a week during the second term, which the Scientific Sophomores are required to attend, and which is elective with Juniors in the Latin Scientific Course, and Seniors in the Classical Course. The method is chiefly by familiar lectures and conversations; but the student is also required to read such works as Agassiz and Gould's *Zoölogy*,

Milne-Edward's *Zoölogie* (or the one in Knox's translation), and Tenney's *Natural History*. More advanced students in Zoölogy will use, in the laboratory, Coue's *Key to North American Birds*, Packard's *Guide to the Study of Insects*, and the Smithsonian Manuals on Mammals, Fishes, Insects and Land and Fresh Water Mollusca.

Botany is taken up in the third term by the Sophomores of the Latin-Scientific and Scientific Courses, occupying two hours a week. Instruction is given largely in the form of familiar lectures, but the student is required to read Gray's *Lessons in Botany*, or some equivalent. In Systematic Botany the student works with plant in hand, under the guidance of the instructor, and Gray's Manual is required for constant reference.

Geology is required three hours a week in all the courses during the first term of the Senior Year. The instruction during the first part of the term is directed largely to the data of the science, and is imparted in the form of familiar lectures, with suitable illustrations of various kinds. The work of the second part is a comprehensive and systematic review of the great doctrines of the science, leaving the less essential details in the background. In the geological laboratory, students sufficiently advanced will be permitted to handle the specimens exhibited in the museum, and engage in lithological and paleontological investigations. The text-book used in the general subject is Dana's *Manual*. Steele's *Fourteen Weeks in Geology* and Winchell's *Sketches of Creation*, or Dawson's *Story of the Earth and Man*, are recommended for general reviews. For more advanced students, Cotta's *Manual of Lithology*, Pickett's *Paleontology*, and other works will be recommended.

8.—History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text-book.

FRESHMAN YEAR. Lectures are given on "Historical Propædeutics," in which the methods of historic study and writing are examined, and the necessary auxiliaries of History—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the 3d term, "Rawlinson's Ancient History," (except the portions on Greece and Rome,) is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

SOPHOMORE YEAR. During the 1st term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the Causes, Development and Consequences of the Crusades; the Mediæval Literature, &c. During the 2d and 3d terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the 2d term, lectures are given on the "Comparison of French and English Government prior to 1789." Throughout the year, dissertations and portraitures of important historical characters are prepared by the students; also, the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS. The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall and to the great Revolutions of modern times, since these have a special charm for the general student, the statesman and the philosopher. The lectures on the "Philosophy of History" are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term,

and on the History of Fine Arts during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin Scientific Courses are required, and students in the Classical Course may elect, to attend the classes in the College of the Fine Arts for two hours a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the first term of the Sophomore year.

10.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous and consecutive throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style, including clearness, strength, precision, purity, propriety, harmony and unity. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no changes, corrections or additions at the hands of the printer. Instruction and exercises in formation of Essay Outlines are also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon Distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's "Chironomia," and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of Expression. In Orthoepy, the *preferred* pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshman and Sophomore years, are given and practiced six series of Physical Exercises for the following purposes respectively: (1) to expand the chest and

give symmetry to the form; (2) to increase breathing capacity; (3) to improve articulation; (4) to regulate the "placing" of the voice by the vocal organs; (5) to overcome habits of wrong attitude and gesture; (6) to give flexibility preparatory to instruction in gesture.

The text-books used in English Criticism during Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

All essays and orations are to be written upon "essay paper," omitting every alternate line; the outline is to be placed upon the first page of each, and the whole to be properly tied. By a resolution of the Faculty, students may be debarred from all recitations, in case of negligence, until their rhetorical work is satisfactorily done.

The following is an outline of the work by years:

FRESHMAN YEAR. *English Criticism.*—The text-books used are *Spencer's Philosophy of Style*, and *Abbott's How to Write Clearly*. Aside from the text-book work, such instruction and exercises are given in *Punctuation* as the circumstances may demand.

Elocution.—During the first term the attention is mainly confined to the critical study of *English Vowel Sounds* according to the system of the late Prof. Bell. The second and third terms are devoted to instruction and practice in *Emphasis*, *Inflection* and *Tone Coloring*.

Essays.—Every Freshman is expected to present three original essays per term, of not less than five hundred nor more than seven hundred words each, on subjects assigned. These essays are carefully corrected and returned to the writers, who are expected to prepare to read them. Certain of the essays, selected by lot at the time of reading, are read each week before the classes in English Criticism and Elocution, where they are generally criticised as to delivery, etc. Faulty sentences taken from these essays at the time of their

correction, are discussed in the class in English criticism, with reference to the requisites of good style which they may lack.

SOPHOMORE YEAR.—*English Criticism.*—The work of this year, aside from the criticism of the essays in class, consists of the study of *Synonyms* and *Rhetorical Figures.*

Elocution.—The first and third terms are devoted to the study of Gesture; using *Bacon's Manual* as a text-book, and supplementing the same with the fundamental principles of the *Delsarte Philosophy.* The application of the Bell Vowel Table to words often mispronounced is continued.

Essays.—Every Sophomore is expected to present three original essays of not less than seven hundred nor more than one thousand words each, during each of the first and third terms. In the second term of this year, the preparation and delivery of three *Recitations* or *Declamations* is substituted for the essays. The Sophomore essays are read and criticised, and their faulty sentences discussed as are those of the Freshman year. The recitations and declamations are delivered before the class, or sections thereof, where their delivery is criticised generally. At the close of this year selections are made from those members of the class who then evince the most progress in this direction, to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR. The class-work of this year consists, largely, in a critical study of the masterpieces of English and American oratory, as to their literary style, manner of delivery, etc., using *Cumnock's Choice Selections.* The work of the two previous years is continued.

Orations.—Every Junior is expected to prepare, rehearse, and deliver in chapel one original oration per term of not less than seven hundred words, at such dates as may be assigned.

SENIOR YEAR. Those members of the Senior class who so desire may pursue a line of work similar to that of the Junior year, with such variations as circumstances and the wishes of the class may determine. Opportunity will here be given for practice in extempore and forensic speaking.

Rhetoric.—During the second term of this year, the entire class takes up the study of the *Philosophy of Rhetoric*, using *Bain's Manual* as a text-book, with reference to the works of Kame, Campbell, etc.

Orations.—Every Senior is expected to prepare, rehearse, and deliver during the first two terms of the year, one original oration of at least one thousand words. These orations are delivered at "*Senior Exhibitions*" held in the college chapel on such evenings as may be appointed. During the Spring term, each Senior will prepare an oration of at least one thousand words, and selections will be made from these orations for delivery at Commencement. A careful record is kept of all rhetorical work performed during the four years, as to outlines, punctuation, style and delivery. The character of this record will be a prominent factor in determining the choice of Commencement speakers; and intentional or continual neglect of rhetorical work will be considered a forfeiture of Commencement privileges.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by Lectures and the use of text-books, to trace briefly the History of Mental Science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:

JUNIOR YEAR. Second Term. Bowen's *Hamilton.*
Third Term. Bowen's *Hamilton* finished.

SENIOR YEAR. Second Term. Morell's *History of Modern Philosophy.*
Third Term. (Elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the Department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR. First Term. Calderwood's *Moral Philosophy.*
Third Term. Hopkins' *Evidences of Christianity.*

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to attend religious worship regularly, at least once on the Sabbath.

PARALLEL COUSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in Italic are elective; but a sufficient number must be elected to make sixteen exercises per week.

FRESHMAN YEAR.

	CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
FIRST TERM.	Algebra, 4. Physiology, 2½. Latin, 5. Greek, 4. English Criticism, 1. Elocution, 1.	Algebra, 4 Physiology, 2½. Latin, 5. German, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2½. Physical Geography, 2. German, 4. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2½. Physical Geography, 2. German, 4. F. H. Drawing from Patterns, 2, (4). English Criticism, 1. Elocution, 1.
SECOND TERM.	Algebra, 4. Latin, 4½. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4½. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physical Geography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physical Geography, 2. German, 3. F.H. Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1 Elocution, 1.
THIRD TERM.	Geometry, 5. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Physical Geography, 2. German, 4. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 5. Physical Geography, 2. German, 4. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—Continued.

SOPHOMORE YEAR. FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Perspective Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Descriptive Geometry, 5 English Criticism, 1. Elocution, 1.
SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Zoölogy, 4. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Zoölogy 4. German, 1. Physics, 3. Orthographical Projections, 2. English Criticism, 1. Elocution, 1.
THIRD TERM.	Calculus, 4. Modern History, 3. German, 4 Greek, 3. English Criticism, 1 Elocution, 1. *Surveying*, 4,	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. *Surveying*, 4. Architectural Drafting, 2, (4).	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Surveying, 4. *Perspective Drawing*, 2. (4).	Calculus 4. Surveying, 4. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—Continued.

JUNIOR YEAR.

FIRST TERM.	French. 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Tribal Migrations*, ½. *Free Hand Drawing*, 2, (4). *Hebrew*, 2	French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *Political Economy*, 3. *Tribal Migrations*, ½. *Calculus*, 4	French, 2. Logic, 5. Chemistry, 2. Elocution, 1. *Calculus*, 4. *Tribal Migrations*, ½. *American Revolution*, 1.	French 2. Calculus, 4. Chemistry, 2. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 5. *Tribal Migrations*, ½. *English Revolutions*, 2.
SECOND TERM.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *Mechanical Drafting*, 2, (4). *Latin*, 3. *Anglo Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *History of French Rev.*, 2. *Latin*, 3. *Anglo Saxon*, 1. *Zoölogy*, 4	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. History of French Rev., 2. Elocution, 1. *Anglo Saxon*, 1. *German Literature*, 2. *English Literature*, 5.	French, 4. Spherical Astronomy, 4. Chemistry, 2. Lettering. 2,½(4). *Elocution*, 1. *Anglo Saxon*, 1. *German Literature*, 2. *Psychology*, 2.
THIRD TERM.	French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1 *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2. *Hebrew*, 2. *Botany*, 2 *Greek Comedy*, 3. *Physics*, 3.	French, 3 Chemistry, 2 Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Physics*, 3.	French, 3. Chemistry, 2. Psychology, 2. Elocution, 1. Mechanics, 5. History of Education, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.	French, 3. Chemistry, 2. Mechanics, 5. Isometrical Projection. 2, (4). Geodesy, 2. *Elocution*, 1. *Psychology*, 2. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.

PARALLEL COURSES OF STUDY.—Continued.

SENIOR YEAR.

FIRST TERM.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. ***French Literature or Italian***, 2. ***Greek Literature***, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Hist. Writings*, ½. *Roman Literature*, 2.	**Moral Philosophy, 4.** **Geology, 3.** **Esthetics, 1.** ***Jurisprudence***, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. ***Hist. of Hist. Writings***, ½. ***Roman Literature***, 2.	Moral Philosophy, 4. Geology, 3 Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Hist. of Hist. Writings*, ½.	Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, 5. Linear Perspective, 2, (4). *Moral Philosophy*, 4. *Esthetics*, 1 *Political Economy*, 3. *Jurisprudence*, 3 *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Hist. Writings*, ½.
SECOND TERM.	Art History, 1. Hist. of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. ***French Literature or Italian***, 2. *German Literature*, 2. *Zoölogy*, 4. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Hist. of French Revolution*, 2 *Greek Tragedy*, 3. *International Law*, 2.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. Rhetoric, 2. ***French Literature or Italian***, 2. ***German Literature***, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2.	Art History, 1. History of Philosophy, 3. Philosophy of History, 1. Rhetoric, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2.	Bridges and Roofs, 4 Shades and Shadows, 2, (4). *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *French Literatnre or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *French Revolution*, 2. *English Literature*, 5. *International Law*, 2.
THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civiliuation*, 3. *German Literature*, 2. *Analytical Chemistry*, 2, (6). *Hist. of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. *History of Philosophy*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. ***History of Civiliuation***, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). ***History of Civil Liberty***, 1. ***Revs. of the 19th Century***, 3. ***History of Philosophy***, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civiliuation*, 3. *Analytical Chemistry*, 3, (6). *History of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. *Hist. of Philosophy*, 3.	Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Drawing with specificat'ns, 5. THESIS. ***Christian Evidences***, 5. *Art History*, 1. *Hist of Civilization*, 3. *Hist of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. *Hist. of Philosophy*, 3. *Analytical Chemistry*, 3, (6).

COLLEGE OF MEDICINE.

This School was organized in 1872 as a department of the Syracuse University.

In June, 1875, it formally adopted a systematized course of instruction three years in length, and extended the College Year from five to nearly nine months.

It was the second School in the United States to adopt in full a graded course, together with an extension of the scholastic year to nearly double the usual length.

Attention is called to these two points—*Classification of studies* and *length of College Year*.

To students desiring to attain a thorough medical scholarship, superior facilities are offered at a moderate cost.

THE COURSE OF STUDY.

The studies of the FIRST YEAR, are Anatomy, Physiology, Chemistry, Microscopy, Histology and Botany.

SECOND YEAR; Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery, Pathology and Clinics.

THIRD YEAR; Therapeutics, Practice, Surgery, Obstetrics, Diseases of Children, Pathology, Gynecology, Forensic Medicine, Ophthalmology and Clinics.

THE COLLEGE YEAR.

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two Terms, nearly equal in length, with a vacation of about two weeks between them. There will also be a recess of one week at Christmas.

The First Term of the next College Year began Tuesday, October 2d, 1883, and will end on the first Friday of February, 1884.

The Second Term will commence on the fourth Tuesday of February, and end on the second Thursday of June, 1884.

First Year students receive practical instruction in Chemistry, including a course of Labratory work extending through both terms.

Second Year students take a shorter course in purely medical Chemistry.

Prominence is also given to the course in Histology. Each First Year student receives practical instruction in the use of the Microscope, as applied to the examination of tissues and fluids, that cannot fail to be of the greatest service in subsequent practice.

Usually there are from two to four clinics weekly.

There are two good Hospitals in Syracuse—St. Joseph's and the House of the Good Shepherd.

Through the courtesy of the governing officers, both of these Institutions are open to the College for purposes of clinical instruction, and in each the Hospital Staff is made up in part of the clinical teachers.

The College Dispensary also furnishes patients for clinical observation. These three Institutions afford good clinical opportunities to the students of the Second and Third Years. Students of the First Year are not required or expected to attend upon bed-side instructions.

EXAMINATIONS, &c.

Students are divided into three classes, according to their proficiency and time of study.

The particular class to which a student belongs is determined by examination.

The regular examinations are held in the following order:

All students who join the School for the regular course, are

required to exhibit evidence of possessing a fair preliminary education.

Accordingly, students who do not bring evidence of scholarship from some acceptable source, will be examined in the branches of a common English education.

This preliminary examination will be held at the College on Tuesday evening, October 2d, at 7 o'clock.

Examinations will also be held near the beginning of each Term for those who may apply for advanced standing, or who may have failed in previous examinations.

At the close of each year in June, examinations occur in all the studies of the year. The result, with the average markings for the year, determines whether the student shall advance to the next year.

The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful.

Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either Term, but private examinations, for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a certain standard of proficiency.

Besides the Faculty examinations, candidates for the degree are examined orally by the College Censors.

The gentlemen comprising the Board of Censors are not members of the Faculty, but are appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements entitle them to.

Candidates for the Second Year will come prepared for examination on the vessels, nerves and organs in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's

Chemistry; on the optical principles of the Microscope; on Part 1 of Harris and Power's Manual for the Physiological Laboratory; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and offer themselves for the degree at this School.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of M. D., the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from Schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation,	$ 5 00
Practical Anatomy,	10 00
Tuition for the Year,	100 00
For either Term alone,	65 00
For Graduation,	25 00

The fee for the third year to students who have *fully* paid for the first and second years, will be $50.00

Students in the Chemical Labratory will be charged $5.00 per Term for chemicals used.

Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per Term for a single study.

Students from other departments of the University are not required to pay the matriculation fee.

The fees are to be paid within ten days after registration.

Notes are not received in payment of College dues.

No degree can be conferred, or certificate of time given, until all dues to the College are paid.

Graduates of this School have perpetual free admission.

Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

TEXT BOOKS.

ANATOMY—Gray; Quain.
PHYSIOLOGY—Foster; Dalton; Flint.
CHEMISTRY—Attfield.
PRACTICE—Flint; Niemeyer.
SURGERY—Hamilton; Agnew; Ashhurst.
MATERIA MEDICA—Bartholow.
OBSTETRICS—Playfair; Cazeau.
CHILDREN—Smith; Meigs & Pepper; Henoch.
FORENSIC MEDICINE—Guy; Taylor; Woodman & Tidy.
HISTOLOGY—Quain's Anatomy; Harris and Power.

PRIZES.

Hereafter two prizes are to be conferred annually by the College. The first is to be given to that student who shall have taken the highest average general grade for the entire three years of study.

The second to the one who may achieve the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from date of said certificate.

For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the Registrar,

WM. T. PLANT, M. D.,

SYRACUSE, N. Y.

COLLEGE OF FINE ARTS.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. In the *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and
2. In the *Phonetic Arts:* Music, Oratory, Poetry and Belles-lettres Literature.

At present, courses of Instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as fast as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the Course in Architecture will be examined in English Grammar, Geography, American history, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, Plane Geometry, and Free Hand Drawing, sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the Course in Painting will be examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing, sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the Course in Music will be examined in the same studies as to the Course in Painting, with the exception that two years of thorough and systematic study in Music will replace the two years in Drawing.

Special students, or those not proposing to graduate in either Course, may enter at any time and take up such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion will, in general, be coincident with those in the College of Liberal Arts. (See calendar.)

An Annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, will be held during the last week of each collegiate year.

An Annual Concert will be given by the students in Music, on the last Monday evening of the collegiate year.

Other concerts will be given from time to time during the year.

DEGREES.

Persons graduating in the Course in Architecture will receive the degree of *Bachelor of Architecture;* those in the Course of Painting, the degree of *Bachelor of Painting;* those in the Course of Music, that of *Bachelor of Music.* Special students may receive certificates of progress and proficiency.

Graduates in the above courses of study who shall pursue professional work for three years after graduation may receive the second or Master's degree upon the following conditions: The presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in the history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

For *expenses* see index.

COURSES OF STUDY.

The following Schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study will be allowed in any of the courses. But it will be required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. Algebra, 4. German Language, 4.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 2. Chemistry, 2.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 1. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Patterns, 3 Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 2. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. Hist. of the Fine Arts in Outline 1. Modern History, 3. French Language, 4. Chemistry, 2.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 4. Shades and Shadows, 2. Geometry, 5. German Language, 4.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. Hist. of the Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 3. Modern History, 3.	Modern Architecture, 1. History of Painting, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. German Language, 4. Physical Geography, 2. Physiology. 2½.	Linear Perspective, 2. Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Nature, 3. Modeling, 3. Esthetics, 1. Chemistry, 2. French Language, 2.	Oil Painting, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Geology, 3. Italian Language, 2. Two Essays on Art.
SECOND TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Shades and Shadows, 2. Drawing from Casts, 3. German Language, 3. Physical Geography, 2.	Linear Perspective, 2, Water Color Painting, 5. Artistic Anatomy, 2. Natural History, 4. Modern History, 3.	Oil Painting, 5. Drawing in Colored Crayons, 2. Drawing from Life, 2. Etching, 3. Hist. of the Fine Arts in Outline, 1. English Literature, 5. French Language. 4.	Oil Painting, 5. Decorative Art, 2. History of Sculpture, 1. Christian Archæology and Symbolism in Art, 1. Rhetoric, 2. Italian Language, 2. Philosophy of History, 1. Two Essays on Art.
THIRD TERM.	Linear Perspective, 2. Shades and Shadows, 2. Drawing from Patterns, 3. Drawing from Nature, 3. German Language, 4. Physical Geography, 2. Ancient History, 2.	Drawing from Nature, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 4. Modeling, 3. Botany, 2. Modern History, 3.	Oil Painting, 5. Drawing from Nature, 3. Drawing from Life, 2. Hist. of the Fine Arts in Outline, 1. Photography, 2. French Language, 3.	Drawing from Nature, 5. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Landscape Gardening, 1. History of Civilization, 3. Original Graduating Painting. Graduating Thesis.

COURSE IN MUSIC.

THE FIGURES DENOTE THE NUMBER OF LESSONS OR LECTURES IN EACH BRANCH OF STUDY PER WEEK.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 2. Theoretical Rudiments, 2. Recital, 1. Physiology, 2½ Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2 Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Medieval History, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. Chords and Figuration, 1.	Polyphonic Forms of Musical Composition, 2. Cultivation of the Voice, 2. Violin, (Quartette Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. German Language, 2. Organ, 1. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2, Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 4. Modern History, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 3. Organ, 1. The Smaller Forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, (Solo Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. English Literature, 5. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. Modern History, 3. French Language, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. The Smaller Forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 1. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. Conducting, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Mus. Literature, 1. History of Civilization, 3. Graduating Thesis.

SUBJECTS AND METHODS OF INSTRUCTION

IN

ARCHITECTURE AND PAINTING.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon the arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are proficient and practical workers in their several departments. The students will have access to their studios and offices, and will have opportunity of witnessing works of art in process of completion by their hands or under their direction.

It will be the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, rather than with the purpose of moulding all after the same arbitrary method.

FREEHAND DRAWING.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for freedom and precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from among the best series that are employed in the various art schools of England, France and Germany. These include every variety of subjects, such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentation and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original designs is introduced in such variety, sequence and extent, as may be fitting to each individual student. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

ARCHITECTURAL DRAFTING.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of executed works and works in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Special instruction will also be given in the principles and practice of Decorative art in its special relations to Architecture, and of Landscape Gardening and Architecture.

OIL PAINTING.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting

than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction will be given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students will be left to develop originality and individuality of style, and to decide whether they shall devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or whether they shall divide their time between several of these branches.

LINEAR PERSPECTIVE.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

MODELING.

Instruction is given in all the processes of Modeling in Clay, of making Moulds, and of making Casts in Plaster. Prominence is given to Modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

ETCHING.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of Engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

PHOTOGRAPHY.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curricu-

lums. A photographic studio will soon be provided, furnished with all the latest improvements in the art. Meantime instruction will be given at the studio of the instructor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study appropriated to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures will be given upon the History of the Fine Arts in Outline, in which will be traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

CLASSICAL MYTHOLOGY AND ARCHÆOLOGY.

Courses of lectures are given upon the Mythology of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

CHRISTIAN AND MEDIEVAL ARCHÆOLOGY.

Courses of lectures are given upon Christian Archæology, in which will be traced the origin and development of symbolism and the illustration of Christian Doctrine in the fine arts; and upon the general principles of Medieval Archæology.

ESSAYS.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts, written upon paper of uniform size, to be preserved in the archives of the College.

ART LITERATURE.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

RELATED STUDIES.

The proximity of the College of Liberal Arts renders it possible to insert in the curriculums of this College, selections of such studies as are essential to the complete education of the architect and painter, both as an artist and as a person of general culture. The following studies have been thus added to one or more of the curriculums, as is shown on pages 71–73: *Mathematics*, Algebra, Geometry, Trigonometry and Surveying, Analytical Geometry, Calculus, Analytical Mechanics; *Natural Science*, Physics, Chemistry, Physiology, Natural History, Botany, Geology, Physical Geography; *Languages*, German, French, Italian; *History*, Ancient, Medieval and Modern, History of Civilization, History of Philosophy, Philosophy of History; *English Literature; Rhetoric; Elocution.* To a limited extent the equivalent in other studies having a direct relation to the Fine Arts may be substituted for a portion of the above studies.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

MUSEUM.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting and the industrial arts. A box of Minton's encaustic tiles has been presented by the American agents, Messrs. Coats & Miller, of New York. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture will be required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting will be equally required of the candidates in the Course in Painting.

LIBRARY AND READING ROOM.

As a nucleus to a Library of the Fine Arts, a number of valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. A number of the most important art journals are supplied to the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

ESTHETIC SOCIETY.

An "Esthetic Society" has been organized by students of the College, which holds meetings at stated times, for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are taken by the society amid the picturesque scenery which abounds in the environs and the vicinity of the city of Syracuse.

REMARKS ON THE

METHOD OF INSTRUCTION IN MUSIC.

The Course of Study includes systematic and progressive instruction in the theory, the history and practice of music, arranged with a view to enable the student to become an accomplished teacher, performer and composer.

Any other instrument, as the Organ, Violin, Viola, Violoncello, Cornet or Clarionet, may be substituted for the Piano, after the Freshman year.

Vocal instruction may take the place of instrumental after the Sophomore year.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of Music, and which also have relation to general liberal culture. These are Physiology; Physics; Elocution; Rhetoric; English Literature; the French, German and Italian Languages; Ancient, Medieval and Modern History, and the History of Civilization; the Science of Esthetics, and the general history of all the Fine Arts. This is in accordance with the principle adopted in courses of study in Painting and Architecture in this College. The same latitude for substitution for these accessory studies, will be permitted as in those courses.

THE PIANO.

Lessons will be given on the piano in small classes with such private instruction as shall be deemed necessary to secure the best progress of the students.

The course is divided into Preparatory and Collegiate.

Preparatory Department.

This department is intended for students beginning piano and for those who are not sufficiently advanced to enter the collegiate classes. The course will embrace selections from the following studies:

First Year. The first few weeks will be devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method 1st part, Köhler's Practical Piano School or Jaques Schmidt Erster Lehrmeister will be used. In connection with these, studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others will be given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op 37, Book II; Loeschhorn op 65, Book III; Duvernoy op 120; Burgmüller op 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

Collegiate Course.

Students desiring to enter this course who have prepared elsewhere will be required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op 47; Czerny or Köhler's School of Velocity; Bertini op 29 and 32; Loeschhorn Progressive Studies; Krause Trill Studies op 2; Doering op 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, also selections from the works of other masters suitable to this grade.

Sophomore Year. Heller op 45 and 46; Czerny op 740, Books I and II: Bach 2 Voiced Inventions; Loeschhorn op 38; Köhler Arpeggio School op 186; Czerny Staccato and Legato Studies op 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurkas and Nocturnes together with works of Raff, Rheinberger, Bendel. Gade, Scharwenka, Moszkowsky and other modern composers.

JUNIOR YEAR. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op 70; Czerny Fingerfertigkeit, Books III and IV; Köhler Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

SENIOR YEAR. Chopin Etudes; Bach well tempered Clavichord; Tausig Daily Studies; Henselt Etudes; Saint Saens op 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt; Tschaikowski, etc. etc.

Students of this grade will have the opportunity of taking part in Ensemble playing.

THE VIOLIN.

For beginners, the 1st part of the Violin Schools by either Louis Schubert, Carl Henning or Hermann will be used, interspersed—if necessary—by very easy arrangements of melodious pieces for Violin with Piano accompaniment, such as: Melodien Sammlung by H. Urban, etc. etc.; Selections from easy Duettos for 2 Violins by Pleyel, Gebauer or Mazas. To be followed by Part II of Henning's Violin School, Baillot's Scales in two Octaves, or 1st part of Gradus ad Parnassum, by Jaques Dot; also easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano will be introduced as soon as practicable. Selections from the following will be made according to the gift and ability of the student: Dussek Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck (Part I of his 25 Studies for the Violin); Schradieck's Violin Technic; the Studies by Kreutzer and Rode; Concertos by Viotti or Rode; Solos by David

Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinier, Alard's 10 Etudes Artistiques op 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

THE VOICE.

This important branch of musical instruction will receive great attention. Students will be trained singly or in classes, and ample opportunity will be afforded in the classes for the individual student to observe the efforts of others, and to hear the criticisms of the Professor upon their exercises. The development of the same timbre or beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation will first receive attention.

Federlein's "Practical School of Voice Culture" will be employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panafka and others will be added, and the works of the best German, Italian and French song writers be interpreted as the student may become master of the most beautiful of instruments—the human voice.

THE ORGAN.

As the most practical method of preparing for the study of the Organ, the student will devote the first two years to practicing upon the piano. Until an organ is placed in the University Chapel, arrangements will be made for giving instructions upon an excellent Organ in one of the city churches.

THEORY OF MUSIC.

The theory of music embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue will be used. Instruction is given by lectures with abundant illustrations and explanations upon the blackboard, of which

the candidates for graduation will be required to make careful digests.

ORCHESTRAL PRACTICE.

As soon as it shall be found feasible, an orchestra will be organized, to meet at stated times, and practice sacred and secular music of a high character.

CHORUS SINGING.

The class for the practice of Chorus Singing for mixed voices meets once a week. Any student of the University may join this class. Compositions of sacred and secular character will be carefully practiced.

HISTORY OF MUSIC.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings will also be appointed for the classes, between the lectures.

RECITALS.

All students of Music are required to be present at the weekly Recitals, at which exercise every student is liable to be called upon to perform at least once each term. Critical remarks are made by the Professors, upon the merits of the pieces which are rendered, and their relations to other works by the same or other authors, as well as upon the merits or defects of the rendering by the student.

EUTERPE SOCIETY.

The students of Music have organized a "Euterpe Society," which meets fortnightly for mutual improvement in musical and social culture. In the meetings are interspersed the readings of essays and selections, and the rendering of musical selections by the members.

PROFESSIONAL CONCERTS.

Arrangements are frequently made whereby the students of Music can attend professional concerts, of which a large number are given in Syracuse, at reduced rates.

TEACHING.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience, under the supervision of the Faculty.

CALENDAR.

1884—January 7, *Monday* Winter Term begins.
" 31, *Thursday*, Day of Prayer for Colleges.
February 1, *Friday*, First Term of the College of Medicine ends.
" 5, *Tuesday*, 8 P. M., Senior Orations.
" 26, *Tuesday*, Second Term of the College of Medicine begins.
March 4, *Tuesday*, 8 P. M., Senior Orations.
" 27, 28, *Thursday*, *Friday*, Supplementary Examinations.
March 31–April 2, *Monday*,—*Wednesday*, Term Examinations.
April 8, *Tuesday*, Spring Term begins.
May 1, *Thursday*, Seniors present their Commencement Orations.
June, 11—13, *Wednesday*,—*Friday*, Final Examination of Seniors.
" 12, *Thursday*, Second Term of the College of Medicine ends.
" 13, *Friday*, Senior Vacation begins.
" 16, 17, *Monday*, *Tuesday*, Supplementary Examinations.
" 18—20, *Wednesday*—*Friday*, Term Examinations.
" 19, *Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
" 21, *Saturday*, 10 A. M., Annual Meeting of the "Faculty of the University."
" 22, *Sunday*, 10½ A. M., Baccalaureate Sermon.
" 23—25, *Monday*—*Wednesday*, Annual Exhibition of Works of Art produced during the year.
1884—June 23, *Monday*, 9 A. M., Entrance Examinations—Latin.
2 P. M., Class Day Exercises.
8 P. M., Annual Musical Soiree.
" 24, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.

1884—June 24, *Tuesday* 10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
2 P. M., Entrance Examinations—Greek.
2½ P. M., Literary Meeting of Alumni Association in the chapel.
" 25, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar.
10½ A. M., Entrance Examinations—Modern Geography.
2 P. M., Thirteenth Annual COMMENCEMENT.
" 26, *Thursday* 9 A. M., Entrance Examinations—Natural Philosophy.
10½ A. M., Entrance Examinations—United States History.
Summer Vacation begins.
Sept. 15—17, *Monday—Wednesday*, Entrance Examinations in the same order as in June.
" 18, *Thursday*, Fall Term begins. Students assemble in chapel at 9.30 A. M.
October 7, *Tuesday*, First Term of the College of Medicine begins.
" 30, 31, *Tuesday*, *Wednesday*, Examination for Rank.
November 11, *Tuesday*, 8 P. M., Senior Orations.
" 27—29, *Thursday—Saturday*, Thanksgiving Recess.
December 9, *Tuesday*, 8 P. M., Senior Orations.
" 15, 16, *Monday*, *Tuesday*, Supplementary Examinations.
" 17—19, *Wednesday—Friday*, Term Examinations.
" 19, *Friday*, Fall Term ends. Holiday Recess begins.
1885—January 5, *Monday*, Winter Term begins.
" 29, *Thursday*, Day of Prayer for Colleges.
February 3, *Tuesday*, 8 P. M., Senior Orations.
" 6, *Friday*, First Term of the College of Medicine ends.
" 24, *Tuesday*, Second Term of the College of Medicine begins.
March 3, *Tuesday*, 8 P. M., Senior Orations.
" 26, 27, *Thursday*, *Friday*, Supplementary Examinations.
"30-Apr.1, *Monday—Wednesday*, Term Examinations.
April 7, *Tuesday*, Spring Term begins.

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S99

FOURTEENTH

ANNUAL

OF THE

SYRACUSE UNIVERSITY.

1884-85.

ANNUAL

OF THE

SYRACUSE UNIVERSITY

FOR THE

COLLEGIATE YEAR

1884-85.

SYRACUSE, N. Y.

MDCCCLXXXIV.

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* Dr. Bennett leaves in January, 1885, to assume his duties in the Garrett Biblical Institute.

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Professor of Materia Medica and Therapeutics, 108 E. Genesee St.

DAVID M. TOTMAN, M.D.,
Lecturer on Physiology, 45 West Genesee St.

A. CLIFFORD MERCER, M.D., CURATOR OF THE MEDICAL MUSEUM,
Lecturer on Pathological Histology, 40 Montgomery St.

MARTIN A. KNAPP,
Lecturer on Forensic Medicine, 69 E. Fayette St.

WILLIAM H. MILLS, M.D., LIBRARIAN OF COLLEGE OF MEDICINE,
Director of the Anatomical Laboratory, 219 W. Genesee St.

HENRY L. ELSNER, M.D.,
Lecturer on Practice of Medicine, 248 North Salina St.

JOHN C. HEFFRON, M.D.,
Lecturer on Microscopy and Histology, 55 Montgomery St.

AARON B. MILLER, M.D.,
Instructor in Obstetrics and Gynecology, Geddes.

WILLIAM H. SHULTZE, MUS. D.,
Musical Director and Professor of Theory and Practice of Music,
(79 Hall of Lang.) Greenway Block, Hawley St.

NEWTON A. WELLS, M.P.,
Professor of Drawing, (47 Hall of Lang.) 317 Irving St.

GEORGE A. PARKER,
Professor of the Piano and Organ,
(78 Hall of Lang.) 235 Madison St.

KATE E. STARK,
Professor of Vocal Music, (77 Hall of Lang.) 104 University Ave.

OTTO K. SCHILL,
Instructor upon the Violin and Piano,
(79 Hall of Lang.) 33 University Ave.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano, (80 Hall of Lang.) 728 Chestnut St.

WARD V. RANGER,
Instructor in Photography, Crouse Block, Warren St.

HIRAM S. GUTSELL, A.M., B.P.,
Instructor in Modeling and Etching, 128½ Harrison St.

GEORGE H. LIDDLE, B.P.,
Instructor in Perspective Drawing and Architectural Drafting,
Crouse Block, Warren St.

E. ELY VAN DE WARKER, M.D.,
Lecturer on Artistic Anatomy, 45 Montgomery St.

REV. ALONZO FLACK, PH.D.,
Principal of Gymnasium "A," Hudson River Institute,
Claverack.

REV. ISAAC N. CLEMENTS, A.M.,
Principal Gymnasium "B," Cazenovia Seminary, Cazenovia.

REV. CHARLES E. HAWKINS, A.M.,
Principal of Gymnasium "C," Ives Seminary, Antwerp.

OLIVER W. STURDEVANT, A.M.,
Principal of Gymnasium "D," Onondaga Academy,
Onondaga Valley.

HENRY L. TAYLOR, A.B.,
Principal of Gymnasium "E," Yates Union School, Chittenango.

COLLEGE OF LIBERAL ARTS.

FACULTY

—OF THE—

COLLEGE OF LIBERAL ARTS.

REV. CHARLES N. SIMS, D.D., LL.D., CHANCELLOR,
Professor of English Literature.

JOHN R. FRENCH, LL.D., DEAN,
Gardner Baker Professor of Mathematics.

REV. W. P. CODDINGTON, D.D.,
William Penn Abbott Professor of Greek and Ethics.

REV. JOHN J. BROWN, LL.D.,
Professor of Chemistry and Physics.

REV. CHARLES W. BENNETT, D.D.,
Professor of History and Logic.

GEORGE F. COMFORT, A.M.,
Professor of Modern Languages and Esthetics.

FRANK SMALLEY, A.M.,
Professor of the Latin Language and Literature.

J. SCOTT CLARK, A.M.,
Instructor in Rhetoric, English Criticism and Elocution.

LUCIEN M. UNDERWOOD, PH.D.,
Instructor in Geology, Botany, and Zoology.

EUGENE W. MANNING, A.M.,
Instructor in Modern Languages.

JOHN R. FRENCH,
Secretary of the Faculty.

REV. W. P. CODDINGTON,
Librarian.

REV. JOHN J. BROWN,
College Pastor.

FRANK SMALLEY,
Receiver of College Dues.

L. M. UNDERWOOD,
Curator of the Museum.

STUDENTS.

SENIOR CLASS.

			City Address.
Mattison Wilbur Chase,	c.	*Scriba*,	
Horace Alonzo Crane,	c.	*New Haven, Vt.*,	9 Marshall
Charles Oliver Dewey,	c.	*Binghamton*,	59 University ave.
Alfred Henry Eaton,	c.	*Wilton*,	136 Harrison
George Edwin Ellis,	c.	*Belleville*,	155 Harrison
William Bostwick Fuller,	c.	*Syracuse*,	104 University ave.
Ida Esther Goldman,	l. s.	*Syracuse*,	48 Grape
Samuel Gilbert Harris,	c.	*Webster*,	21 Locust
Hiram Hunt Henderson,	c.	*Onondaga*,	155 Harrison
W. Newton Holmes,	c.	*Central Square*,	53 Warren
John Greeley Jones,	c.	*Albany*,	640 Irving
Edgar Stanton Maclay,	c.	*Yokohama, Japan*,	429 Irving
James Packard Mann,	s.	*Harrisburg, Pa.*,	140 Lodi
Albert Harrington Meads,	c.	*Syracuse*,	31 Hickory
Henry Herbert Murdock,	c.	*Moosup, Conn.*,	136 Harrison
Henry Allen Peck,	c.	*Mexico*,	615 Chestnut
Elmer Ellsworth Smiley,	c.	*Plank Road*,	
Frank Henry Wallace,	c.	*Oswego*,	179 E. Fayette
William Lewis Wallace,	c.	*Oswego*,	179 E. Fayette
Edward De Forrest White,	c.	*Sprout Brook*,	610 Chestnut
William Wilber,	c.	*Clarksburg, Mass.*,	19 Howard
Eugene Wiseman,	c.	*Fairfield*,	620 Chestnut
Frank Higby Wood,	c.	*Copenhagen*,	210 Madison

NOTE—The letter c. indicates the Classical Course; l. s., the Latin-Scientific; g. s., the Greek-Scientific; s., the Scientific, and c. e., the Civil Engineering Course.

JUNIOR CLASS.

			City Address.
William Groo Atwell,	c.	*Cape Vincent*,	172 Adams
Frank Giles Banister,	s.	*Watertown*,	210 Madison
Bertha Mannering Bannister,	c.	*Syracuse*,	16 Holland
Alanson D. Bartholomew,	l. s.	*Whitehall*,	155 Harrison
Marcus Clark Bettinger,	c.	*Chittenango*,	90 E. Fayette
Ellen Sophia Blakeslee,	l. s.	*Clifton Springs*,	179 E. Fayette
Grace Wilcox Bramley,	c.	*Potsdam*,	613 Irving
Charles Comstock Brill,	c.	*Ilion*,	35 University ave.
Jesse Lincoln Bronner,	l. s.	*Syracuse*,	3 Harrison
Joseph Gilbert Cleveland,	c.	*Centre Brunswick*,	12 Gazelle
Hattie Matilda Cobb,	c.	*N. Y. Mills*,	613 Irving
Preston Ranney Crowell,	c.	*Bernardston, Mass.*,	179 Adams
Henry Dana Fearon,	c.	*Oneida*,	172 Adams
William Young Foote,	c.	*Manlius*,	Harrison
Nellie Ford,	c.	*Syracuse*,	140 Centre
Milton Newberry Frantz,	c.	*Norristown, Pa.*,	731 Irving
Mary Ada Fuller,	l. s.	*Carthage*,	178 E. Fayette
Kate Isabel Gardner,	l. s.	*Norwich*,	35 University ave.
Alice Caroline Gillette,	s.	*Manlius*,	630 Chestnut
Wilhelminé Hagerman,	c.	*Syracuse*,	114 South West
Charles Elbert Hamilton,	c.	*Rushville*,	Irving and Croton
William La Fayette Harris,	c.	*Macedon Centre*,	615 Chestnut
Arthur Cyrus Howe,	c.	*Gansevoort*,	92 University ave.
John Albertson Ingham,	c.	*Auburn*,	168 Adams
Fred Thomas Keeney,	l. s	*Barton*,	182 Adams
Henrietta Marie Kittell,	c.	*Syracuse*,	92 Hickory
Clarence Adelbert Lonergon,	c.	*Syracuse*,	174 Seymour
George Washington May,	c.	*Poultney, Vt.*,	99 Irving
Genevieve Ostrander,	l. s.	*Mohawk*,	35 University ave.
Ella Perry,	c.	*Homer*,	179 E. Fayette
Lyman Crandall Pierce,	c.	*Wolcott*,	Croton and Irving
Wilfred Wickliffe Porter, Jr.,	c.	*Geddes*,	
Frederick Beman Price,	c.	*Newark, N. J.*,	615 Chestnut
Olney Albee Retan,	c.	*Millerton, Pa.*,	248 E. Genesee
Anna Laura Shedden,	l. s.	*Mooers*,	232 Madison
Hiram Ralph Shoemaker,	c.	*Lanesboro, Pa.*,	182 Adams
Samuel David Solomon,	c.	*Syracuse*,	51 North Salina

			City Address.
Jay David Stay,	c.	*Fulton*,	90 E. Fayette
Karl Swartz,	c.	*Cortland*,	182 Adams
George Priest Wadsworth,	c.	*Sauquoit*,	59 University ave.
Francis Augustus Welch,	c.	*Maysville, Col.*,	53 Warren
Jennie Louisa Whitbread,	g. s.	*De Witt*,	21 Gazelle
William Abbott Wilson,	c.	*Binghamton*,	615 Chestnut
Albert Moore York,	c.	*Lincoln, Neb.*,	325 Irving
Daniel Frederick Young,	c. e.	*Liverpool*,	173 Adams

SOPHOMORE CLASS.

Mary Dianthe Allis,	c.	*Syracuse*,	Court and 2d North
Frank Bell,	c.	*Heuvelton*,	99 Irving
John Sidney Bovingdon,	c.	*Towanda, Pa.*,	202 Madison
Lizzie Sarah Bridgeford,	c.	*Syracuse*,	18 3d North
George Griswold Brower,	s.	*Taberg*,	518 Irving
Margaret Ellen Caldwell,	l. s.	*Bradford, Pa.*,	168 Adams
Lillie Cheney Carroll,	c.	*Syracuse*,	33 Gertrude
Herbert Guibord Coddington,	c.	*Syracuse*,	Ostrom ave.
Mary Lovina Collins,	c.	*Lyons*,	97 Irving
Delano Dempster Cottrell,	c.	*Barnes Corners*,	92 Univ'y ave.
William Ward Damon,	l. s.	*Waterloo*,	630 Chestnut
Ambrose Charles Driscoll,	l. s.	*Syracuse*,	86 Noxon
Walter Samuel Eaton,	c.	*White Creek*,	289 Grape
Ezra George Eldredge,	c.	*Macedon Centre*,	620 Chestnut
Charles Spencer Fuller,	l. s.	*Carthage*,	178 E. Fayette
May Gwin Hamblen,	s.	*Hot Springs, Ark.*,	97 Irving
Cora Adella Harrington,	c.	*Syracuse*,	Kellogg
Benedict Robinson Hatmaker,	s.	*Havana*,	630 Chestnut
Charles William Herman,	c.	*Fairville*,	9 Marshall
De Witt Spink Hooker,	c.	*Syracuse*,	151 Harrison
Orren Josiah Houghton,	s.	*North Bay*,	92 University ave.
Sara Louise Howland,	l. s.	*Jordan*,	248 E. Genesee
Charles Xerxes Hutchinson,	c.	*Le Raysville, Pa.*,	202 Madison
George Washington Kennedy,	c.	*Bolton*,	99 Irving
Florence Elmina Kinney,	l. s.	*Oswego*,	182 Adams
Grace Bell Latimer,	s.	*Weedsport*,	613 Irving
Eliza Leyden,	s.	*Danforth*,	316 Mulberry
Josiah Hollister Lynch,	c.	*Norwich*,	636 Irving
William Augustus Mehan,	c.	*Mechanicsville*,	26 Gazelle

			City Address.
Frank Wilbur Merrick,	c.	*Steuben*,	4 Fayette Place
Howard Dixon Mitchell,	c. e.	*Hot Springs, Ark.*,	173 Adams
Rose Edgerlie Pindar,	c.	*Lima*,	92 University ave.
George Norman Price,	c.	*Mendota, Ill.*,	629 Irving
Garry Van Sackett,	s.	*Geneva*,	620 Chestnut
Mary Willis Safford,	s.	*Syracuse*,	5 South Onondaga
Emmons Harvey Sanford,	c.	*Oneonta*,	636 Irving
Carrie Elizabeth Sawyer,	c.	*Syracuse*,	98 University ave.
Eva Garnsey Seaman,	c.	*Schenectady*,	766 Chestnut
Jennie De Remer Thorburn,	l. s.	*Marcellus*,	613 Irving
Phil Ernest Turtelot,	l. s.	*Herkimer*,	25 Gazelle
William M. Boardman Tuttle,	c.	*Castile*,	228 Madison

FRESHMAN CLASS.

Mary Ethel Abbott,	c.	*Syracuse*,	Madison and Cherry
Leon Cyrus Ball,	c.	*Fort Covington*,	529 Irving
Gertrude Basom,	s.	*Alabama*,	613 Irving
James Parker Becker,	s.	*Syracuse*,	Gifford
Charles Stevens Bennett,	c.	*Syracuse*,	731 Irving
Mary Frances Call,	l. s.	*Potsdam*,	85 University ave.
Arthur Bridgman Clark,	c. e.	*East Onondaga*,	
Bertha Helene Coleman,	l. s.	*Brockport*,	172 Adams
Arthur Carey Connelly,	c.	*Kingston*,	4 Fayette Place
Orator Fuller Cook, Jr.,	c.	*Clyde*,	83 Jefferson
Katharine Armistead Crawford,	l. s.	*Georgetown, Fla.*,	15 Shonnard
Florence May Davis,	l. s.	*Syracuse*,	58 East ave.
Charles Evert Doubleday,	c.	*Penn Yan*,	53 Lemon
May E. Duncan,	l. s.	*Syracuse*,	17 Seymour
William Wallace Eaton,	c.	*White Creek*,	289 Grape
Earlman Fenner,	l. s.	*Center Lisle*,	193 E. Fayette
Fayette Warren Fitch,	l. s.	*Lowville*,	
Milton Joseph Fletcher,	c.	*East Guilford*,	210 Madison
Horace Milton Ford,	c.	*Fairfield*,	630 Chestnut
Nettie Gertrude Fuller,	c.	*Carthage*	178 E. Fayette
Marion Eunice Giddings,	c.	*Baldwinsville*,	232 Madison
Charles Abram Hagaman,	s.	*Albany*,	620 Chestnut
Herbert Harry Hawkins,	l. s.	*Potsdam*,	
Albert Howard Herendeen,	s.	*Geneva*,	173 Adams
Edward Emory Hill,	c.	*Fulton*,	

			City Address.
Franklin James Holzworth,	c.	*Manlius Station*,	68 McBride
Newel Eugene Hulbert,	c.	*Thompson, O.*,	84 University ave.
Jenny Johnson,	s.	*Phelps*,	613 Irving
Elmer L. Kinyon,	s.	*Syracuse*,	375 Spring
Edwin Judson Klock,	c.	*Canajoharie*,	155 Harrison
Harry Sanford Klock,	l. s.	*Oneida*,	518 Irving
Fred De Land Leete,	c.	*Homer*,	4 Fayette Place
Benoni Abner May,	l. s.	*Salem, Ind.*,	4 Fayette Place
Edwin Clark Mason,	c.	*Union Springs*,	82 Bear
George Holmes Maxwell,	c.	*Marion*,	731 Irving
Arthur Durand McGerald,	l. s.	*Tonawanda*,	422 Chestnut
Ancil Daniels Mills, Jr.,	c.	*East Elba*,	120 University ave.
Mary Brown Moore,	s.	*Weedsport*,	195 E. Fayette
John Herman Murray,	s.	*Hastings*,	73 Wyoming
William Smith Murray,	s.	*Hastings*,	73 Wyoming
Walter Merton Pierce,	c.	*South Dover*,	422 Chestnut
Eva D. Potter,	s.	*Webster*,	99 Irving
Wesley Amos Pratt,	c.	*Kasoag*,	228 So. Salina
Howard Lincoln Rixon,	c.	*Canastota*,	4 Fayette Place
Anna Belle Rotch,	l. s.	*Weedsport*,	630 Chestnut
Lincoln Eliott Rowley,	c.	*Hyndsville*,	4 E. Fayette Place
Morgan Rich Sanford,	s.	*Hedgesville*,	623 Irving
Frank Justus Schnauber,	c. e.	*Syracuse*,	101 So. West
Fanny Virginia Sprole,	s.	*Syracuse*,	96 Court
Hamilton Terry,	c.	*Perry City*,	623 Irving
Judson L. Transue,	c.	*Bellona*,	228 Madison
Frank Dean Tubbs,	c.	*Mexico*,	173 Adams
William P. Westfall,	s.	*Geddes.*	
Rounsville Wildman,	s.	*Somerset.*	
Frank Edwin Young,	s.	*Liverpool.*	

UNCLASSIFIED.

Helen A. Beard,		*Syracuse.*	
Bennett Day Brown,	c.	*Trumansburg*,	
Benjamin Wales Dodge,	s.	*Syracuse*,	172 Adams
Kate Louise Fry,		*Syracuse*,	140 W. Genesee
Charles Lincoln Hall,	c.	*Clifton Park*,	640 Irving
Maryetha Hunter,		*Corning*,	121 University ave.

		City Address.
Eugene Howard Joy,	c. *Ilion*,	Croton and Irving
Francis Conrad Osborn,	l. s. *Manlius Station*,	155 Harrison
Rowland Charles Price,	s. *Syracuse*,	112 W. Genesee
Frank Augustus Winship,	c. *Eagle Mills*,	210 E. Fayette

COLLEGE OF MEDICINE.

FACULTY

—OF THE—

COLLEGE OF MEDICINE.

REV. CHARLES N. SIMS, D.D., LLD.,
CHANCELLOR.

JOHN TOWLER, M.D.,
Emeritus Professor of Chemistry.

CHARLES E. RIDER, M.D.,
Emeritus Professor of Ophthalmology.

FREDERICK HYDE, M.D., DEAN,
Professor of Principles and Practice of Surgery.

HENRY D. DIDAMA, M.D.,
Professor of Principles and Practice of Medicine and Clinical Medicine.

NELSON NIVISON, M.D.,
Professor of Physiology, Pathology and Hygiene.

WILFRED W. PORTER, M.D.,
Professor of Obstetrics and Gynecology.

WM. T. PLANT, M.D., REGISTRAR,
Professor of Diseases of Children and Clinical Medicine.

ROGER W. PEASE, M.D.,
Professor of Operative and Clinical Surgery.

ALFRED MERCER, M.D., TREASURER OF THE COLLEGE OF MEDICINE,
Professor of Minor and Clinical Surgery.

WM. MANLIUS SMITH, M.D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M.D.,
Professor of Ophthamology and Otology.

GAYLORD P. CLARK, M.D.,
Professor of Anatomy.

WILLIAM H. DUNLAP, M.D.,
Professor of Materia Medica and Therapeutics.

DAVID M. TOTMAN, M.D.,
Lecturer on Physiology.

A. CLIFFORD MERCER, M.D., CURATOR,
Lecturer on Pathological Histology.

MARTIN A. KNAPP, ESQ.,
Lecturer on Forensic Medicine.

WILLIAM H. MILLS, M.D., LIBRARIAN,
Director of the Anatomical Laboratory.

HENRY L. ELSNER, M.D.,
Lecturer on Practice of Medicine.

JOHN C. HEFFRON, M.D.,
Lecturer on Microscopy and Histology.

AARON B. MILLER, M.D.,
Instructor in Obstetrics and Gynecology.

CENSORS.

S. M. HIGGINS, M.D., Memphis, N. Y.

R. M. MOORE, M.D., Rochester, N. Y.

I. N. GOFF, M.D., Cazenovia, N. Y.

STUDENTS.

THIRD YEAR—'85.

		City Address.
Frank A. Adams,	*Syracuse*,	45 Montgomery
Frederick E. Bruce,	*Syracuse*,	297 Grape
Nathaniel A. Cavenor,	*Memphis*,	100 E. Washington
Frank D. Finley,	*Walworth*,	172 Madison
Edward C. Johnson,	*Fredonia*,	29 Montgomery
George I. Post, Jr.,	*Fair Haven*,	37 Shonnard
Wheelock Rider, B. S.,	*Rochester*,	55 Montgomery
Earll W. Smith,	*Onondaga*,	87 Geddes
Lucius H. Smith,	*Syracuse*,	232 Madison
Otto A. Thomas,	*Syracuse*,	Croton & Renwick ave.

SECOND YEAR—'86.

Wm. B. Breed, B. S.,	*Phoenix*,	111 So. Salina
Mary E. Carleton,	*Brownville*,	78 E. Jefferson
Wm. B. Coats,	*Delphi*,	126 E. Washington
F. L. Drake,	*Oneida*,	Medical College
Emory A. Didama,	*Medina*,	112 So. Salina
James F. Michell,	*Syracuse*,	20 Belden ave.
Edwin S. Maxson, A. B.,	*Syracuse*,	208 Madison
Hartman C. Oberlander,	*Syracuse*,	87½ Butternut
Harry H. Pease, B. S.,	*Syracuse*,	36 Montgomery
George M. Price,	*Liverpool*,	53 E. Onondaga
Fred W. Sears,	*Syracuse*,	72 E. Jefferson
Wm. A. Washburne,	*Oxford*,	126 E. Washington

FIRST YEAR—'87.

		City Address.
Will L. Benedict,	*Mottville*,	57 Montgomery
Ernest N. Christopher,	*Whitney's Point*,	6 Harrison
Wm. A. Curtin,	*Syracuse*,	146 Adams
Chas. E. Doubleday,	*Penn Yan*,	610 Chestnut
Alfred G. Doust,	*Geddes*,	15 Pioneer
Simon C. Elsner,	*Syracuse*,	308 N. Salina
Amos Jay Givens,	*Cortland*,	6 Harrison
George E. Nearing,	*Syracuse*,	9 Pike Block
George A. Stone,	*Ipswich, Mass.*,	90 E. Fayette
Clara Smith,	*Syracuse*,	29 Holland
Nathan W. Soble,	*Elmira*,	20 Harrison
W. C. Todt,	*Syracuse*,	141 Gifford

UNCLASSIFIED.

Edwin S. Butterfield,	*Syracuse*,	7 Wieting Block
Mary E. Stewart,	*Syracuse*,	57 E. Jefferson
Whiting S. Worden,	*Syracuse*,	34 Mulberry

College of Fine Arts.

FACULTY

—OF THE—

COLLEGE OF FINE ARTS.

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

GEORGE F. COMFORT, A.M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SHULTZE, MUS. D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M.P.,
Professor of Drawing.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

OTTO K. SCHILL,
Instructor upon the Violin and Piano.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

WARD V. RANGER,
Instructor in Photography.

HIRAM S. GUTSELL, A.M., B.P.,
Instructor in Modeling and Etching.

GEORGE H. LIDDLE, B.P.,
Instructor in Perspective Drawing and Architectural Drafting.

E. ELY VAN DE WARKER, M.D.,
Lecturer on Artistic Anatomy.

STUDENTS.

POST-GRADUATES.

		City Address.
Jessie Zelette Decker, B. M.,	m. *Syracuse*,	154 Harrison
Caroline Ida Gilger, B. M.,	m. *Syracuse*,	31 Gertrude
Elizabeth Muenschen Pitkin, B. M.,	m. *Syracuse*,	38 Madison

SENIOR CLASS.

Bolton Coit Brown,	p. *Ithaca*,	623 Irving
Cora Edith Dyer,	p. *Hampton*,	66 Spruce
Betsey Jane Gutsell,	p. *Conquest*,	128½ Harrison
Elizabeth May Hall,	p. *Syracuse*,	66 Spruce
Carrie Parke Jones,	m. *Chittenango*,	613 Irving
Cora Belle Lyon,	p. *Palmyra*,	66 Spruce
Edgar Stanton Maclay,	m. *Yokohama, Jap.*,	19 Mulberry
Sara Miranda Maxson, B. Ph.,	p. *Syracuse*,	208 Madison
Lola Reynolds (Swartz),	p. *Syracuse*,	182 E. Adams
Eva Adelaide Seymour,	p. *Syracuse*,	129 Harrison
Anna Bradford Sheldon,	m. *Oswego*,	66 Spruce
Ida Potter Smith,	m. *Syracuse*,	5 Baker
Nellie Augusta Sweet,	p. *Cicero*,	643 Irving
Ida Maria Steingrebe,	m. *Quincy, Ill.*,	643 McBride

JUNIOR CLASS.

Abbie Adelia Baldwin,	s. m. *Syracuse*,	5 Malcolm
Hattie Marshall Barnes,	s. m. *Oswego*,	62 Warren
Minnie Adelle Barney,	p. *Syracuse*,	15 Merriman ave.

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m. indicates a Special Course in Painting, Architecture or Music.

			City Address.
Martha Louisa Blaine,	s. p.	*Seattle, Ore.*,	168 E. Adams
Elizabeth Bowne Chapman,	m.	*Syracuse*,	247 Madison
Caroline Hill Crawford,	m.	*Syracuse*,	15 Shonnard
Gertrude Miranda Dada,	m.	*Fulton*,	168 E. Adams
Harlan Victor Gause,	s. p.	*Wilmington, Del.*,	4 Greenway Pl.
Minnie Belle Harrington,	p.	*Syracuse*,	180 E. Adams
Anita Lawrence,	s. m.	*Syracuse*,	173 E. Genesee
Kate Belle Morgan,	s. p., s. m.	*Rochester*,	731 Irving
Eugene Cecil Olcott,	p.	*Syracuse*,	18 N. West
Mary Edith Orr,	p.	*Syracuse*,	623 Irving
Anna Bingham Packard.	m.	*Syracuse*,	522 Chestnut
Ella Minerva Pardoe,	m.	*Oneonta*,	613 Irving
Emma Louisa Parkinson,	m.	*Sauquoit*,	195 E. Fayette
George Barlow Penny,	s. m.	*Haverstraw*,	35 University ave.
Theo Price,	p.	*Mendota, Ill.*,	129 Harrison
Elmer Joseph Read,	p.	*Towlesville*,	533 Chestnut
Clara Elliott Sargent,	m.	*Ilion*,	85 University ave.
Mary Manuella Stewart,	m.	*Brooklyn*,	University ave.
Annie Tanner,	m.	*Cortland*,	35 University ave.

SOPHOMORE CLASS.

Hattie Prior Baldwin,	s. p.	*Friendship*,	178 E. Fayette
Addie Maria Bliss,	m.	*Peterboro*,	66 Spruce
Charlotte Rebecca Brigham,	m.	*Syracuse*,	187 Madison
Anna Belle Casey,	p.	*Syracuse*,	117 Burnett
Nelly Florence Chamberlayne,	s. p.	*Olean*,	168 E. Adams
Margaret May Clarke,	s. m.	*Elbridge*,	142 E. Jefferson
Minnie Elizabeth Clarke,	s. m.	*Syracuse*,	210 E. Fayette
Mary Grace Comfort,	p., s. m.	*Syracuse*,	Vanderbilt House
Flora Drescher,	s. m.	*Syracuse*	57 Union
William Grant Egbert,	s. m.	*Syracuse*,	89 Mulberry,
Lillian May Fairchild.	s. m.	*Cortland*,	78 Kirkpatrick
Ida May Fisher,	s. m.	*Manlius Station.*	
Charles Francis Lighton,	ar.	*Syracuse*,	95 E. Washington
May Longwell,	s. p.	*Penn Yan*,	182 E. Adams
Alma Laura McMath,	m.	*Webster*,	99 Irving
Jane Theresa Myers,	s. m.	*Syracuse*,	27 Seymour
Emily Pughe,	m.	*East Schuyler*,	636 Irving

			City Address.
Mary Wadhams Russell,	s. m.	*Mt. Vernon, O.*,	109 E. Fayette
Mary Willis Safford,	p.	*Syracuse*,	5 So. Onondaga
William Henry Silcox,	s. p.	*Sheldrake*,	90 Lodi
Clara Phebe Smith,	s. p.	*Russell*,	172 E. Adams
Jennie Emma Weller,	m.	*Lafayette*,	195 E. Fayette
May Susan Wilcox,	p.	*Bradford, Pa.*,	52 Chestnut
Lizzie Louisa Winters,	s. m.	*Syracuse*,	3 Britcher Block

FRESHMAN CLASS.

Nellie Elvena Angell,	m.	*Ilion*,	516 Irving
William Saxton Atkinson,	s. p.	*Cazenovia*,	38 University ave.
William Groo Atwell,	s. m.	*Cape Vincent*,	53 Lemon
Gertrude Basom,	s. m.	*Alabama*,	613 Irving
Bertha Elizabeth Becker,	s. m.	*Vine Valley*,	275 E. Genesee
Conrad Louis Becker,	s. m.	*Syracuse*,	275 E. Genesee
Frank Bell,	s. m.	*Heuvelton*,	9 Marshall
Geneva Maude Brand,	s. m.	*Syracuse*,	27 Almond
Adelle Cynthia Brigham,	p.	*Syracuse*,	187 Madison
Emily Burch,	s. m	*West Schuyler*,	636 Irving
Bertha Mehitabel Bushnell,	s. m.	*Oneida Lake*,	33 Univ'ty ave.
Fannie Burton Childs,	s. m.,	*Syracuse*,	62 E. Onondaga
Arthur Bridgman Clark,	ar.	*East Onondaga.*	
Bertha Helena Coleman,	s. p., s. m.	*Brockport*,	172 E. Adams
Nellie Collins	s. m.	*Syracuse*,	21 Rust
Fannie May Cowles,	s. p., s. m.,	*Syracuse*,	2 Crouse Building
Katharine Armistead Crawford,	s. m.	*Syracuse*,	15 Shonnard
Emma Cushing,	s. m.	*Rochester*,	629 Irving
Kate Cushing,	s. m.	*Rochester*,	629 Irving
Hattie Daboll,	s. m.	*Jordan.*	
Mary Winona Dennis,	m.	*Syracuse*,	210 Madison
Chrilla Maude Doolittle,	s. p.	*Russell*,	172 E. Adams
Mary Isabel Dunford,	s. m.	*Syracuse*,	335 Spring
Fanny Anna Eckor,	s. m.	*Fayetteville.*	
Leone Adelle Fitch,	s. p., s. m.	*Lowville*,	85 University ave.
Cora Alice Fix,	s. m.	*Geddes.*	
Lena Fobes,	s. m.	*Syracuse*,	163 James
Kate Louisa Fry,	s. m.	*Syracuse*,	West Genesee
Kate McKenzie Furlong,	s. p., s. m.	*Delphi*,	33 University ave.
Mary Thomas Garrity,	s. m.	*Cortland*,	40 Chestnut

			City Address.
Frances Gates,	s. m.	*London, Eng.*,	33 University ave.
Helen Eliza Gere, B. Ph.,	s. m.	*Belle Isle.*	
Mary Ethel Griffin, B. Ph.,	s. m.	*Geddes.*	31 Filbert
Isabella Hadger,	s. m.	*Port Byron*,	26 Renwick ave.
Wilhelmine Hagerman,	s. m.	*Syracuse*,	114 North West
Gates Hamburger,	s. m.	*Syracuse*,	138 E. Jefferson
Sarah Harper,	s. p.	*Albany*,	745 Chestnut
Bertha Hoffman,	s. m.	*Syracuse*,	42 John
Mary Margaret Hoffman,	s. m.	*Syracuse*,	42 John
Nelly Jennette Holliday,	s. m.	*Onondaga Valley.*	
Frank Robert Holmes,	s. m.	*Central Square.*	
Agnes Elizabeth Humphries,	s. m.	*Syracuse*,	69 McBride
Jennie Louisa Johnson,	s. m.	*Newark, N. J.*,	Ostrom ave.
Louisa Lizzie Jones,	s. m.	*Ithaca*,	168 E. Adams
Myrta Leontine Kenaston,	p.	*Syracuse*,	172 E. Adams
Mary Alida Kinne,	s. m.	*Syracuse*,	231 Madison
Jennie Charlotte Lathrop,	s. p.	*Syracuse*,	246 E. Genesee
Grace Belle Latimer,	s. m.	*Weedsport*,	613 Irving
Mary Lucinda Laughlin,	m.	*Indianapolis, Ind.*,	36 Shonnard
Ella Kate Lewis,	m.	*Ilion*,	522 Chestnut
Marguerite Theresa Lighton,	s. m.	*Syracuse*,	80 Townsend
Hattie Adalina Long,	m.	*Syracuse*,	14 Yates Terrace
Mabel Loomis,	s. m.	*Unadilla*,	93 Seymour
Frederick Carr Lyford,	p.	*Fremont, N. H.*,	334 Chestnut
Charlesana Mann,	s. m.	*Harrisburg, Pa.*,	140 Lodi
Frances Agnes McGerald,	p.	*Tonawanda*,	610 Chestnut
Maria Louise Meyer, s. p.,	s. m.	*Boston, Mass.*,	4 Greenway Pl.
May Bunnell Morgan,	s. m.	*Lima*,	731 Irving
Eugenia Northrup, s. p.,	s. m.	*Lysander*,	623 Irving
Francis Conrad Osborn,	s. m.	*Manlius Station*,	155 Harrison
Florence Ellen Paddock,	s. p.	*Clyde*,	529 Irving
Jesse Truesdell Peck,	m.	*Whitney's Point*,	522 Chestnut
Fanny May Pratt,	s. m.	*Danforth*,	4 West Castle
Fanny Belle Ripson,	s. m.	*Pulaski.*	
Martha Schultze,	s. m.	*Syracuse*,	4 Greenway Place
Catharine Louise Seymour,	s. m.	*Marcellus.*	
Anna Granger Sherwood,	s. p.	*Canandaigua*,	630 Chestnut
Mary Frances Shorey,	s. m.	*Syracuse*,	2½ Union.
Grace Louise Smith,	s. p.	*Fredonia*,	23 University ave.

			City Address.
Elizabeth Sprole,	s. m.	*Syracuse*,	96 Court
Isaac Swartz,	s. m.	*Syracuse*,	116 Burnet
Grace Greenwood Sweeting,	s. p., s. m.	*South Butler*,	248 E. Gen.
Virginia Francis Townsend,	s. p., s. m.	*Round Lake*,	12 Gazelle
William Milo Boardman Tuttle,	s. m.	*Clarendon*,	228 Madison
Jennie Ceola Vary,	s. m.	*Harrisburg*,	247 Madison
Helen Mary Wardwell,	m.	*Mannsville*,	2 Chestnut
Eva Mary Waterman,	s. m.	*Taberg*,	613 Irving
Alice Aurelia Webster,	m.	*Apulia*,	610 Chestnut
Anna Belle Webster,	m.	*Apulia*,	610 Chestnut
Francis Augustus Welch,	s. m.	*Syracuse*,	53 Warren
Adela Evarts White,	s. m.	*Pittston, Pa.*,	47 E. Onondaga
Edward De Forest White,	s. m.	*Sprout Brook*,	92 University ave.
Nellie Arline Wright,	s. m.	*Ithaca*,	51 Otisco

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies prepartory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

Ida May Adamson,	*Syracuse*,	226 Madison
Sarah Isabella Arnold,	*Jordan.*	
Tina Baumer,	*Syracuse*,	266 N. Salina
Charles John Becker,	*Syracuse*,	275 E. Genesee
Rose Isabel Bierhart,	*Syracuse*,	37 Danforth
Sarah Porter Browne,	*Syracuse*,	104½ Calhoun
Edwin Ernest Buszard,	*Syracuse*,	13 James
William Sanger Butler,	*Syracuse*,	106 E. Fayette
Theresa Clary,	*Baldwinsville.*	
Harriet Elva Crocker,	*Pulaski.*	
Minnie Elizabeth Curtis,	*Syracuse*,	9 Cedar
Anna Veronica Dunn,	*Syracuse*,	160 Bear
Louis Mendelssohn Goodrich,	*Cazenovia.*	
Carrie Haydon,	*Lysander*,	623 Irving
Edward Corbin Jenkins,	*Syracuse*,	40 Almond
Cora Louise Jones,	*Syracuse*,	318 Irving
Belle Lulu Kappesser,	*Syracuse*,	4 Quince
Carrie Eugene Kennedy,	*Marcellus.*	
Nellie Louise Klock,	*Geddes*,	47 Chestnut

		City Address.
Nellie Dell Lennox,	*Lowville*,	85 University ave.
Mary Clara Knauer,	*Syracuse*,	111 Townsend
Minnie Levy,	*Syracuse*,	136 E. Jefferson
Marietta Logan,	*Syracuse*,	15 Yates Terrace
Henry Herbert Murdock,	*Moosup, Conn.*,	136 Harrison
Clara Belle Orr,	*Syracuse*,	633 Irving
Eliza Randall,	*Syracuse*,	131½ Montgomery
Jennie May Sable,	*Syracuse*,	149 W. Fayette
Rachel Shevelson,	*Syracuse*,	139 Warren
Jennie Ceola Vary,	*Harrisburg*,	247 Madison
George Westcott,	*Syracuse*,	8 Monroe Block
Jennie Louisa Whitbread,	*De Witt*,	21 Gazelle

SUMMARY OF STUDENTS.

COLLEGE OF LIBERAL ARTS.

Senior Class,	23	
Junior Class,	45	
Sophomore Class,	41	
Freshman Class,	55	
Unclassified,	10	— 174

COLLEGE OF MEDICINE.

Third Year,	10	
Second Year,	12	
First Year,	12	
Unclassified,	3	— 37

COLLEGE OF FINE ARTS.

Post-Graduate Students,	3	
Senior Class,	14	
Junior Class,	22	
Sophomore Class,	24	
Freshman Class,	83	— 146
Gymnasial Students in Music,		31
		388
Names repeated,		17
Total,		371

DEGREES CONFERRED

BY THE

UNIVERSITY IN 1884.

Doctor of Laws.

Nathaniel C. Husted, M. D., Tarrytown.

Doctor of Divinity.

Rev. William R. Benham, Elmira.
Rev. Rodman H. Robinson, Troy.

Doctor of Philosophy.

[Conferred only upon Examination.]

Jane M. Bancroft, A. M., (Modern European History) Evanston, Ill.
Isaac J. Birchard, A. M., (Mathematics) Brantford, Ont.
Rev. Edmund B. Gearhart, A. M., (Metaphysics) South Bay.
Rev. Charles F. A. Klein. A. M., (Philosophy and Christian Evidences). Bergen Point, N. J.
Joseph Morrison, A. M., M. D., (Mathematics) Washington, D. C.
Prof. Theodore B. Noss, A. M., (American Constitutional History). California, Pa.
Rev. George A. Place, A. M., (Metaphysics and Christian Evidences) Bainbridge.
Prof. Samuel J. Sornberger, A. M., (Geology) Cortland.
Rev. Leroy S. Stowe, A. M., (Christian Evidences) Bay Ridge.

Master of Arts.

Rev. William C. Kitchin, A. B., (on examination in Philosophy).
Rev. Charles F. A. Klein, A. B., (" " "

Frank E. Arthur,	(*in cursu*)	Sidney H. Cook,	(*in cursu*).
Montgomery M. Goodwin,	"	Theodore W. Haven,	"
Frederick H. Howard,	"	Lazell R. Hopkins,	"
George E. Hutchings,	"	Charles P. Luce,	"
Carrie E. Pitkin,	"	Fred J. Shackleton,	"

Carrie I. Shevelson.

Rev. Benjamin F. Barker, A. M., (Yale) *ad eundum.*

Master of Philosophy.

David E. Smith, (*in cursu*). William W. Wilcox, (*in cursu*).

Master of Science.

William B. Konkle, Jr., (*in cursu*). Alice Wells, (*in cursu*).

Bachelor of Arts.

Morgan K. Barnum,
Arthur Copeland,
William A. Gere,
George W. Tackabury,
Henry L. Taylor,
Harley D. Wadsworth,
Augustine Broadway,
Frank D. Corse,
Edward C. Morey,
James H. Talbott,
Ezra S. Tipple,
Frank R. Walker.

Bachelor of Philosophy.

Arthur E Brigden,
Charles M. Eddy,
Sylvia L. Fox,
George W. Tackabury,
George B. Deuel,
Joseph T. D. Fischer,
Hugh Parker,
A. Grace Wirt.

Bachelor of Science.

Chester W. Porter, William J. Smith.

Bachelor of Civil Engineering.

Edward D. Breed, Silas G. Comfort,
Charles F. Taylor.

Doctor of Medicine.

Abbie M. Adams,
Frank O. Bright,
Anna F. Crowell,
James O. Longstreet,
Herbert W. Swartz,
Willis G. Babcock,
Vincent A. Crandall,
Reuben A. Hanchett,
Dwight H. Murray,
Calvin S. Stevens,
Electa B. Whipple.

Bachelor of Architecture.

Silas G. Comfort.

Bachelor of Painting.

De Resco Augsburg,
Izora C. Chandler,
Cornelia L. Brown,
Maude G. Reynolds.

Bachelor of Music.

Harriet A. Blakeslee,
Ruth E. Guibault,
Nettie A. Currey,
Nellie Lake.

ALUMNI ASSOCIATION.

OFFICERS FOR 1884–5.

PRESIDENT.

WILLIAM NOTTINGHAM, Ph. D., Syracuse.

VICE-PRESIDENT.

Rev. CARLTON C. WILBOR, Ph. D., Syracuse.

SECRETARY AND TREASURER.

JAMES M. GILBERT, A. M., Syracuse.

DIRECTORS.

RICHARD E. DAY,
E. OLIN KINNE,
E. HERMAN LATIMER,
GEORGE W. PECK,
JOSEPH W. TAYLOR,
JAMES M. GILBERT,
CHARLES D. LATHROP,
WILLIAM NOTTINGHAM,
THOMAS B. STOWELL,
LUCIEN M. UNDERWOOD,
CARLTON C. WILBOR.

GENERAL INFORMATION.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are,

I. THE COLLEGE OF LIBERAL ARTS.
II. THE COLLEGE OF MEDICINE.
III. THE COLLEGE OF FINE ARTS.

They are all open for the admission of women on the same terms as men.

BUILDINGS AND GROUNDS.

The large and elegant building occupied by the Colleges of Liberal Arts and of Fine Arts stands on a beautiful site, containing fifty acres, within the city limits and commands a magnificent view of city, lake and surrounding country.

The College of Medicine occupies suitable buildings near the center of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University; but indicates a reciprocity of kind offices. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College at Claverack; Cazenovia Seminary at Cazenovia: Ives Seminary at Antwerp; Onondaga Academy at Onondaga Valley; and Yates Union School at Chittenango.

LIBRARIES.

The General Library contains about 13,000 carefully selected volumes, and is open daily except Sundays. A Reading Room abundantly supplied with current literature is connected with it. Students are permitted to use these without extra charge.

The Library of the College of Medicine is kept in its building.

MUSEUMS.

The University possesses extensive collections illustrating the subjects of Geology, Zoölogy and Botany, adapted in part for general exhibition, but more largely for private examination, it being the theory of the department that specimens of natural history are most valuable when in a condition available for the special student.

Many additions have been made during the past year among which may be mentioned: —

1. A collection of North American Birds (350 specimens), presented by Summers Banks, of Bellona, N. Y.

2. A collection of Marine Invertebrata from the New England coast representing over 150 species, presented by the Smithsonian Institution.

3. A collection of the land and fresh water Mollusca of Onondaga county (over 100 species) from Rev. W. M. Beauchamp, of Baldwinsville, N. Y.

4. A large collection of insects chiefly collected by the curator.

5. Many marine and inland Invertebrata from various sources.

To illustrate the subject of Botany a well ordered herbarium of about 8,000 species has been provided, exhibiting the characteristic vegetation of North America and Europe.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University now receives annually about $15,000 from its invested funds, and $7,500 from Conference Professorships.

The Northern New York, Troy, Wyoming, Genesee, Central New York, and New York Conferences have each undertaken the endowment of a Conference Professorship. Funds are received on annuities of six per cent. payable semi-annually.

The net value of the entire property of the University is about $630,000.

SCHOLARSHIPS.

In February, 1882, the Trustees authorized the establishment of fifty $1,000 perpetual scholarships, in which the University agrees to expend forever the accruing interest in tuition for worthy, needy students. Seventeen of these scholarships have already been established.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific, or Greek-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Civil Engineering Course, *Bachelor of Civil Engineering;* the course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the "Post Graduate Courses of Study" published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts.

In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

NON-RESIDENT AND SPECIAL STUDENTS.

DEGREES. — Occasionally persons of scholarly pursuits who have not completed a course of study in any college desire, nevertheless, to obtain a degree which may properly represent their attainments. To meet this desire, the appropriate degree is offered to any person not less than twenty-eight years of age who gives evidence on examination of having fully mastered any course of study in the College of Liberal Arts or in the College of Fine Arts. No substitutions which would lessen the required standard will be allowed. The work prescribed must be thoroughly accomplished. Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before Commencement. The charge for such examinations will be the same as for one year's tuition, with the usual matriculation and graduation fees.

CERTIFICATES. — Applications are sometimes received from persons desiring to pursue a course of study without reference to a degree. It has been deemed advisable to furnish to applicants, on correspondence with the Faculty, such courses of study as are suited to the needs and qualifications in each case. This provision, however, is limited to persons not less than twenty-five years of age. The course may be pursued as entirely non-resident or the candidate may present himself at the University and enter such classes as he may be qualified to enter, or make such arrangements for instruction as may suit the convenience of the several professors. Certificates will be given showing the amount and character of the work done. The usual matriculation fee will be required; tuition will be at the usual rates and the fee for a certificate, $5.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni. Copies

of the Annual will be regularly sent to such of the Alumni as report their post-office address annually to the Dean of the College of Liberal Arts.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5.00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used), are $20.00 per term; to sons and daughters of clergymen, $10.00 When a student is dependent upon his own resources alone, the University will, *if it should appear to be necessary, in order to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving college. Fee for graduation $20.00.

In the College of Medicine the charges are: one term $65; a year $100; graduation $25. To students who have fully paid for the first and second years, the fee for the third year is $50.

In the College of Fine Arts the charges are: tuition, $100 a year (or $33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20.00.

Term bills must be settled at the opening of each term. Students can be admitted to classes only upon presentation of a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board, with furnished room, can be obtained in the city for from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week and others rent rooms and board themselves at a still less expense. Further information

may be obtained on application to Dr. J. J. Brown, 90 University Avenue.

The managers of the D. L. & W., and of the West Shore railroads kindly pass all students of the University over their roads at half rates upon orders from the Dean of the Faculty of the College of Liberal Arts.

COLLEGE OF LIBERAL ARTS.

TERMS.

The next collegiate year begins on Monday, the 14th of September, and the first three days are devoted to examinations for entrance. The first term, consisting of fourteen weeks, ends on the Friday before Christmas, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American colleges, including a considerable amount of modern languages.

The Latin-Scientific Course is nearly identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Greek-Scientific Course is the same as the Latin-Scientific Course, except that Greek stands in the place of Latin.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Course in Civil Engineering special attention is given to mathematics in which a thorough training necessarily precedes

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text books are retained and used.

Freshman Year; Kellogg's English Literature.

Senior Year; Arnold's Manual of English Literature.

Senior Year, (Elective); Lectures on Literary Style and Composition, and English and American classics.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar—as the constant reference manual — and Smalley's Latin Analysis—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

Freshman Year: *First term*, Cicero; Cato Major and Lælius: Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, book I or XXI; Prose Composition; Roman History; and frequent exercise in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; Written translations of Juvenal, and exercises in reading Latin at sight.

Sophomore Year: *Second term*, Horace; Selections from the Odes, Epodes, Satires and Epistles: Roman History complete: Essays on Roman life, customs, dress, buildings, utensils, economy, etc. Prosody is reviewed and constant attention given to scanning the metres of Horace.

Junior Year: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all

that Cicero wrote on the immortality of the soul: Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, book X and XII: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

SENIOR YEAR: *First term*, (elective) Browne's, also Crutwell's, with lectures on the origin and development of the Latin Language, and its early records and relics.

GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Goodwin's Greek Grammar. *Second term*, Demosthenes on the Crown; Goodwin's Grammar; Arnold's Greek Prose

Composition. *Third term*, Demosthenes on the Crown, completed; Arnold's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Plato's Apology and Crito; Arnold's Greek Prose Composition; Goodwin's Moods and Tenses. *Third term*, Greek Tragedy; Goodwin's Moods and Tenses.

JUNIOR YEAR: *Third term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Literature (elective); *Second term*, Greek Tragedy (elective).

4—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

GERMAN LANGUAGE; *First year*, Comfort's German Course and First German Reader; *Second year*, Comfort's large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

FRENCH LANGUAGE; *First year*, Havet's French Manual, the Student's French Grammar, and fifty pages of De Fiva's French Reader; *Second year*, Demogeot's History of French Literature, and various classic dramas.

ITALIAN LANGUAGE; Fontana's Grammar, Giudici's Italian literature, and various classic dramas.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's Complete) — Quadratic equations, calculus of radicals, theory of indeterminate co-efficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's) — Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Schuyler's) plane and spherical; *Land Surveying* (Schuyler's) with field exercises.

Analytic Geometry, (Bowser's). — Construction of equations, production of equations of plane loci, transformation of co-ordinates, properties of the conic sections.

Calculus (Bowser's) — *Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Mechanics* (Bowser's)—[elective in the Classical and Latin-Scientific Courses, required in the Scientific Course], composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy (Norton's)—[required in all the courses], elementary principles, determination of latitude, longitude and time, precession, aberration, determination of the elements of a planet's orbit, eclipses, with the computation in full of an eclipse of the moon.

Students in the course in civil engineering devote an additional term in the Junior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they take up Railroad Engineering and the Theory of Strains as applied to the construction of bridges and roofs; project some original engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6—CHEMISTRY AND PHYSICS.

Instruction in Physics is given by recitations and lectures.

SOPHOMORE YEAR: *First term*, the laws of liquids and gases; *Second term*, heat.

JUNIOR YEAR: *Third term*, light and electricity.

Chemistry is pursued through the Junior year. *First term*, history of Chemistry and Chemical Philosophy; *Second term*, Stoichiometry and the univalent elements; *Third term*, metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

7. — Geology, Zoölogy and Botany.

Physiology is taught during the first term of the Freshman year.

Zoölogy is required in the scientific and civil engineering courses during the second term of the Sophomore year, and is elective with the Juniors in the latin-scientific and classical courses. Packard's *Zoölogy* is used as a text-book, supplemented by laboratory study.

Botany is required during the third term of the Sophomore year in the scientific, latin-scientific, and civil engineering courses, and is elective with the Juniors in the classical course. The work is done entirely in the laboratory and field: Gray's *Manual* is required for reference. This subject is also elective by such as are properly qualified, in all the courses during the first term of the Junior or Senior year. Bessey's *Essentials of Botany*, is used as a text-book, supplemented by microscopic work in the laboratory.

Geology is required in the first term of the Senior year. The text-book is Le Conte's *Elements of Geology*. The work of this term includes dynamic and structural Geology. Historic Geology is elective during the third term of the Senior year. The same text-book is used, supplemented by excursions.

Instruction in Mineralogy and Lithology is given during the second term of the Senior year to such students as are prepared in blow-pipe analysis. The work is done in the laboratory, using for reference Foye's *Tables for Mineral Analysis.* Fees are charged for material used the same as in analytic chemistry.

8. — History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text-book.

Freshman Year: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the 3d term, Rawlinson's Ancient History (except the portions on Greece and Rome), is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

Sophomore Year: During the 1st term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the Causes, Development and Consequences of the Crusades; the Medieval Literature, etc. During the 2d and 3d terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the 2d term, lectures are given on the "Comparison of French and English Government prior to 1789." Throughout the year, dissertations, and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

Junior and Senior Years: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great Revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—Esthetics.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

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Botany is required during the third term of the Sophomore year in the scientific, latin-scientific, and civil engineering courses, and is elective with the Juniors in the classical course. The work is done entirely in the laboratory and field: Gray's *Manual* is required for reference. This subject is also elective by such as are properly qualified, in all the courses during the first term of the Junior or Senior year. Bessey's *Essentials of Botany*, is used as a text-book, supplemented by microscopic work in the laboratory.

Geology is required in the first term of the Senior year. The text-book is Le Conte's *Elements of Geology*. The work of this term includes dynamic and structural Geology. Historic Geology is elective during the third term of the Senior year. The same text-book is used, supplemented by excursions.

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9.—Esthetics.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third

terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect, to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no changes, corrections or additions at the hands of the printer. Instruction and exercises in formation of Essay Outlines are also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's Chironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of Expression. In Orthoepy, the *preferred* pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text-books used in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

FRESHMAN YEAR: *English Criticism.*—Essay Outlines, Punctuation (by notes), Bancroft's English Compositon, Abbott's How to Write Clearly, and Spencer's Philosophy of Style. *Elocution.*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and emphasis, according to Raymond; and Le Rowe's Practical Reader. *Essays.*—Three original essays per term of not less than five hundred nor more than seven hundred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers and afterward read in part, before the class.

SOPHOMORE YEAR: *English Criticism.*—Bardeen's Sentence making, with selected chapters from the works of Kellogg, Abbott and Hill.—*Elocution*, *First term*, Bacon's Manual of Gesture; *Second term*, three declamations before the class; *Third term*, application of Bacon's principles to selections in Le Rowes *Essays.*—Three each, in *first* and *third terms* of not less than seven hundred nor more than one thousand words on subjects assigned. During the *second term* the declamations take the place of the essays. At the close of this year selections are made from those who then evince the most progress in declamation to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR: *Elocution.*—Cumnock's Choice Selections supplemented by general selections. One original oration per term of not less than seven hundred words is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.*—*Second term*, Bain's Manual supplemented by Kame, Campbell, Hill, etc. One original oration of at least one thousand words is delivered at a Senior Exhibition in the chapel within the two terms; a like oration is required from each member of the class during the third term from which selections are made for delivery at Commencement.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of Mental Science, and by class discussion, by essays upon appointed themes, and by a

course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:

JUNIOR YEAR: *Second term*, Bowen's *Hamilton; Third term.* Bowen's *Hamilton* finished.

SENIOR YEAR: *Second term*, Mahan's *History of Modern Philosophy; Third term*, (elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the Department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR: *First term*, Calderwood's *Moral Philosophy. Third term*, Hopkins' *Evidences of Christianity.*

13.—JURISPRUDENCE AND POLITICAL ECONOMY.

SENIOR YEAR: *First term*, Political Economy and General Principles of Jurisprudence (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required.)

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

PARALLEL COURSES OF STUDY.

NOTE. — Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in *Italics* are elective; but a sufficient number must be elected to make sixteen exercises per week.

FRESHMAN YEAR.	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
First Term.	Algebra, 4. Physiology, 2½. Latin, 5. Greek, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2½. Latin, 5. German, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2½. Physiography, 2. German, 4. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2½. Physiography, 2. German, 4. F.H.Draw'g from Patt'rns, 2(4). English Criticism, 1. Elocution, 1.
Second Term.	Algebra, 4. Latin, 4½. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4½. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H. Drawing from Obj'ts, 2(4). English Literature, 3. English Criticism, 1. Elocution, 1.
Third Term.	Geometry, 5. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Physiography, 2. German, 4. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 5. Physiography, 2. German, 4. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.	FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of Eng. Revolutions, 2. Perspective Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Descriptive Geometry, 5. English Criticism, 1. Elocution, 1.
	SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Zoology, 4. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Zoology, 4. German, 1. Physics 3. Orthographical Projections, 2. English Criticism, 1. Elocution, 1.
	THIRD TERM.	Calculus, 4. Modern History, 3. German, 4. Greek, 3. English Criticism, 1. Elocution, 1. *Surveying*, 4.	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. *Surveying*, 4. Architectural Drafting, 2, (4).	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Surveying, 4. *Perspective Drawing*, 2, (4).	Calculus, 4 Surveying, 4. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.				
First Term.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Tribal Migrations*, 1-2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *Tribal Migrations*, 1-2. *Calculus*, 4. *Botany*, 3, (6).	French, 2. Logic, 5. Chemistry, 2. Elocution, 1. *Calculus*, 4. *Tribal Migrations*, 1-2. *American Revolution*, 1. *Botany*, 3, (6).	French, 2. Calculus, 4. Chemistry, 2. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 5. *Tribal Migrations*, 1-2. *English Revolutions*, 2. *Botany*, 3, (6).
Second Term.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *Mechanical Drafting*, 2, (4). *Latin*, 3. *Anglo Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Zoology*, 4.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *History of French Rev.*, 2. *Latin*, 3. *Anglo Saxon*, 1. *Zoology*, 4.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. History of French Rev., 2. Elocution, 1. *Anglo Saxon*, 1. *German Literature*, 2.	French, 4. Spherical Astronomy, 4. Chemistry, 2. Lettering, 2. (4). *Elocution*, 1. *Anglo Saxon*, 1. *German Literature*, 2. *Psychology*, 2.
Third Term.	French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2. *Hebrew*, 2. *Botany*, 2. *Greek Comedy*, 3. *Physics*, 3.	French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Physics*, 3.	French, 3. Chemistry, 2. Psychology, 2. Elocution, 1. Mechanics, 5. History of Education, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.	French, 3. Chemistry, 2. Mechanics, 5. Isometrical Projection, 2, (4). Geodesy, 2. *Elocution*, 1. *Psychology*, 2. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.

PARALLEL COURSES OF STUDY.—CONCLUDED.

SENIOR YEAR.

First Term.	**Moral Philosophy**, 4. **Geology**, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Hist. Writings*, 1-2. ***Roman Literature*, 2.** ***Botany*, 3, (6).**	**Moral Philosophy**, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. ***French Literature or Italian*, 2.** ***Analytical Chemistry*, 3, (6).** ***American Revolution*, 1.** ***Hist. of Hist. Writings*, 1-2** ***Roman Literature*, 2.**	**Moral Philosophy**, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Hist. of Hist. Writings*, 1-2.	**Road Engineering**, 4. Geology, 3. Strength of Materials and Engineering Construct'n, 5. Linear Perspective, 2, (4) *Moral Philosophy*, 4. ***Esthetics*, 1.** ***Political Economy*, 3.** ***Jurisprudence*, 3.** ***French Literature or Italian*, 2.** ***Analytical Chemistry*, 3, (6).** *American Revolution*, 1. ***Hist. of Hist. Writings*, 1-2.**
Second Term.	**Art History**, 1. **Hist. of Philosophy**, 3. **English Literature**, 5. **Philosophy of History**, 1. ***Rhetoric*, 2.** ***French Literature or Italian*, 2.** ***German Literature*, 2.** ***Const. History of England*, 2.** ***Analytical Chemistry*, 2, (4).** *Hist. of French Revolution*, 2. *Greek Tragedy*, 3. *International Law*, 2. ***Mineralogy*, 2.**	**Art History**, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. Rhetoric, 2. *French Literature or Italian*, 2. ***German Literature*, 2.** ***Const. History of England*, 2.** ***Analytical Chemistry*, 2, (4).** ***International Law*, 2.** ***Mineralogy*, 2.**	**Art History**, 1. **History of Philosophy**, 3. **Philosophy of History**, 1. **Rhetoric**, 2. ***French Literature or Italian*, 2.** *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *English Literature*, 5. *Mineralogy*, 2.	**Bridges and Roofs**, 4. Shades and Shadows, 2, (4). *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. ***Const. History of England*, 2.** ***Analytical Chemistry*, 2, (4).** ***French Revolution*, 2.** ***English Literature*, 5.** ***International Law*, 2.** ***Mineralogy*, 2.**
Third Term.	**Art History**, 1. **Christian Evidences**, 5. **Constitutional Law**, 3. ***History of Civilization*, 3.** ***German Literature*, 2.** ***Analytical Chemistry*, 3, (6).** *Hist. of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. *History of Philosophy*, 3. *Geology*, 3.	**Art History**, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). ***History of Civil Liberty*, 1.** ***Revs. of the 19th Century*, 3.** ***History of Philosophy*, 3.** ***Geology*, 3.**	**Art History**, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *History of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. ***Hist. of Philosophy*, 3.** ***Geology*, 3.**	**Stability of Structures, etc.**, 4. Constitutional Law, 3. Proj. Draw'g with Specific'ns, 5. THESIS. *Christian Evidences*, 5. *Art History*, 1. *Hist. of Civilization*, 3. *Hist. of Civil Liberty*, 1. *Revs. of the 19th Century*, 3. *Hist. of Philosophy*, 3. *Analytical Chemistry*, 3, (6). *Geology*, 3.

COLLEGE OF MEDICINE.

It is now nine years since this College lengthened its annual sessions from five to more than eight months, and adopted a classified and progressive course of instruction. The results have been better, it is believed, than were ever attained or attainable under the desultory and immethodical ways that had long characterized American Medical teaching. The graded plan is immeasurably the best. Step by step is the only true mode of progression. Let schools that will, seek to attract large classes by cheap rates and short unsystematized courses; it is the settled policy of this College to do thorough and more thorough work. It invites all industrious, earnest students, with fair preliminary qualifications, to come and see what good it can do them. To the indolent and unaspiring it can offer no attractions.

THE COURSE OF STUDY.

FIRST YEAR; Anatomy, Physiology, Chemistry, Microscopy, Histology and Botany.

SECOND YEAR; Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery, Pathology and Clinics.

THIRD YEAR; Therapeutics, Practice, Surgery, Obstetrics, Diseases of Children, Pathology, Gynecology, Forensic Medicine, Ophthalmology and Clinics.

First Year students receive practical instruction in chemistry, through a course of laboratory work extending through both terms. Second Year students take a shorter course in purely Medical Chemistry.

With the next year an Anatomical Laboratory will be opened under the direction of Dr. Wm. H. Mills. The principles of

comparative anatomy will be taught, and a practical knowledge of the structure of some of the lower animals will be made a preliminary to the practical study of human anatomy. This laboratory will be open two afternoons of each week during the year.

The Histological Laboratory was founded several years since. It has recently received additions and improvements, and is now believed to be one of the best equipped in the country. Each First Year student receives practical instruction in the use of the Microscope, as applied to the examination of tissues and fluids, that cannot fail to be of the greatest service in subsequent practice.

Usually there are from two to four clinics weekly.

There are two good hospitals in Syracuse—St. Joseph's and the House of the Good Shepherd. The former has recently been greatly enlarged. Through the courtesy of the governing officers, both of these institutions are open to the College for purposes of clinical instruction, and in each the Hospital staff is made up in part of the clinical teachers.

The College Dispensary also furnishes patients for clinical observation. These three institutions afford good clinical opportunities to the students of the Second and Third Years. First Year students are not required or expected to attend upon bedside instruction.

THE COLLEGE YEAR

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length. The first term of the next college year begins Tuesday, October 7th, 1884, and ends on the second Tuesday of February, 1885. The second term begins on the second Wednesday of February, and ends on the second Thursday of June, 1885.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

EXAMINATIONS, &c.

Students are divided into three classes, according to their pro-

ficiency and time of study. The particular class to which a student belongs is determined by examination. The regular examinations are held in the following order: All students who enter for the regular course, are required to give evidence of a fair preliminary education. Those not bringing certificates from acceptable sources are examined in the common English branches. This preliminary examination is held at the College on Tuesday evening, October 7th, at 7 o'clock. Examinations are also held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain to a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a Board of Censors who are not members of the Faculty, but are appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; on the optical principles of the Microscope; on Part 1 of Harris & Power's Manual for the Physiological Laboratory; and on the principles of Botany.

The above rules apply only to those who intend to take a full

course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Chemical Laboratory, 1st year, $10.00; Anatomical Laboratory, 1st year, $10.00; Tuition for the year, $100.00; for either term alone, $65.00; for Graduation, $25.00. The fee for the third year, to such as have *fully* paid for the first and second years, is $50.00. Students from other departments of the University are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment of College dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates of this school have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the

Janitor at the College, who will assist them in the selection of boarding places.

TEXT-BOOKS.

ANATOMY—Gray; Quain. PHYSIOLOGY—Foster; Dalton; Flint. CHEMISTRY—Attfield. PRACTICE—Flint; Niemeyer. SURGERY—Hamilton; Agnew; Ashhurst. MATERIA MEDICA—Bartholow. OBSTETRICS—Playfair; Cazeau. CHILDREN—Smith; Meigs & Pepper; Henoch. FORENSIC MEDICINE—Guy; Taylor; Woodman and Tidy. HISTOLOGY—Quain's Anatomy; Harris and Power. HYGIENE—Parkes; Wilson.

PRIZES.

Two prizes are conferred annually by the College. The first is given to that student who has the highest average general grade for the entire three years of study.

The second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from date of said certificate.

For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, Wm. T. Plant, M. D., Syracuse, N. Y.

COLLEGE OF FINE ARTS.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

At present, courses of instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as early as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, Plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, *i. e.* those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general, coincident with those in the College of Liberal Arts. (See calendar.)

An Annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, is held during the last week of each collegiate year.

An Annual concert is given by the students in Music, on the last Monday evening of the collegiate year. Other concerts are given from time to time during the year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting, the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music.* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music, without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

Graduates in the above courses of study who have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in the history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

COURSES OF STUDY.

The following schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. Algebra, 4. German Language, 4.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 2. Chemistry, 2.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 1. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Patterns, 3. Shades and Shadows, 2, Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 2. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. Hist. of Fine Arts in Outline, 1. Modern History, 3. French Language, 4. Chemistry, 2.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 4. Shades and Shadows, 2. Geometry, 5. German Language, 4.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Draw'g, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. Hist. of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 3. Modern History, 3.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Drawing from the Solid, 3. German Language, 4. Physical Geography, 2. Physiology. 2 1-2.	Linear Perspective, 2. Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Nature, 3. Modeling, 3. Esthetics, 1. Chemistry, 2. French Language, 2.	Oil Painting, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Geology, 3. Italian Language, 2. Two Essays on Art.
SECOND TERM.	Linear Perspective, 3. Drawing from Patterns, 3. Shades and Shadows, 2. Drawing from Casts, 3. German Language, 3. Physical Geography, 2.	Linear Perspective, Water Color Painting, 5. Artistic Anatomy, 2. Natural History, 4. Modern History, 3.	Oil Painting, 5. Drawing in Colored Crayons, 2. Drawing from Life, 2. Etching, 3. History Fine Arts in Outline, 1. English Literature, 5. French Language, 4.	Oil Painting, 5. Drawing from Life, 2. Decorative Art, 2. History of Sculpture, 1. Classical Archæology and Symbolism in Art, 1 Rhetoric, 2. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Linear Perspective, 2. Shades and Shadows, 2. Drawing from Patterns, 3. Drawing from Nature, 3. German Language, 4. Physical Geography, 2. Ancient History, 2.	Drawing from Nature, 3. Lettering and Illumination, 2. India Ink and Sepia Draw'g, 4. Modeling, 3. Botany, 2. Modern History, 3.	Oil Painting, 5. Drawing from Nature, 3. Drawing from Life, 2. History Fine Arts in Outline, 1. Photography, 2. French Language, 3.	Drawing from Nature, 5. Oil Painting, 3. History of Painting, 1. Art Criticism, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Original Graduating Painting. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 2. Theoretical Rudiments, 2. Recital, 1. Physiology, 2 1-2. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Medieval History, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. Chords and Figuration, 1.	Polyphonic Forms of Musical Composition, 2. Cultivation of the Voice, 2. Violin, (Quartette Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. German Language, 2. Organ, 1. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Modern History, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 3. Organ, 1. The Smaller forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, (Solo Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. English Literature, 5. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. Modern History, 3. French Language, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. The Smaller Forms of Musical Composition, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 1. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. History of Civilization, 3. Graduating Thesis.

SUBJECTS AND METHODS OF INSTRUCTION

IN

ARCHITECTURE AND PAINTING.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold all after the same arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentation and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink, and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction

is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Moulds, and of making Casts in plaster. Prominence is given to Modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

Photography.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. Instruction is given at the studio of the instructor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study

assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

Esthetics.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts in Outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of christian doctrine in the fine arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and during

the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts; written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, the studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a Library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An "Esthetic Society," has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

SUBJECTS AND METHODS

OF

INSTRUCTION IN MUSIC.

The course of study includes systematic and progressive instruction in the theory, history and practice of music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violoncello, cornet or clarionet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are physiology; physics; elocution; rhetoric; English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The Piano.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the students.

The course is divided into Preparatory and Collegiate.

1. PREPARATORY DEPARTMENT.—This department is intended for students beginning piano and for those who are not sufficiently advanced to enter the collegiate classes.

First year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, 1st part, Köhler's Practical Piano School or Jaques Schmidt's Erster Lehrmeister is used. Also studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn op. 65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Crause Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore year. Heller op. 45 and 46; Czerny op. 740, Books I and II: Bach 2 Voiced Inventions; Loeschhorn op. 38; Köhler's Arpeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Muzurkas and Nocturnes together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky and other modern composers.

Junior year. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, Books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, Daily Studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners, the 1st part of the Violin Schools by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as: Melodien Sammlung by H. Urban, etc.; Selections from easy Duets for two violins by Pleyel, Gebauer or Mazas. To be followed by Part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jaques Dont; and by easy Solos, by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student: Dussek's Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie's Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Maxh Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of

the Organ, the student will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used supplemented with compositions of the German, French and English schools.

An excellent pipe Organ built by Johnson & Son has recently been placed in the University Chapel upon which instruction is given, thus affording students ample opportunity for the study of this instrument.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panafka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing for mixed voices meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly Recitals, at which every student may be called called upon to perform at least once each term. Critical remarks are made by the Professors, upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of Music embracing Harmony, Musical Forms,

Counterpoint and Fugue is taught in Classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue are used. Instruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

History of Music.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

Euterpe Society.

The students of music have organized a "Euterpe Society," which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read and musical selections are rendered by the members.

Professional Concerts.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

Teaching.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience, under the supervision of the Faculty.

CALENDAR.

1885—

January 5, *Monday*, Winter Term begins.
" 29, *Thursday*, Day of Prayer for Colleges.
February 3, *Tuesday*, 8 P. M., Senior Orations.
" 10, " First Term of the College of Medicine ends.
" 11, *Wednesday*, Second Term of the College of Medicine begins.
March 3, *Tuesday*, 8 P. M., Senior Orations.
" 26, 27, *Thursday*, *Friday*, Supplementary Examinations.
" 30–Apr. 1, *Monday—Wednesday*, Term Examinations.
April 7, *Tuesday*, Spring Term begins.
May 1, *Friday*, Seniors present their Commencement Orations.
June 10–12, *Wednesday—Friday*, Final Examination of Seniors.
" 11 *Thursday*, Second Term of the College of Medicine ends.
" 12, *Friday*, Senior Vacation begins.
" 15, 16, *Monday*, *Tuesday*, Supplementary Examinations.
" 17–19, *Wednesday—Friday*, Term Examinations.
" 18, *Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
" 20, *Saturday*, 10 A. M., Annual Meeting of the "Faculty of the University."
" 21, *Sunday*, 10½ A. M., Baccalaureate Sermon.
" 22–24, *Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.

1885—

June 22, *Monday*, 9 A. M., Entrance Examinations—Latin.
2 P. M., Class Day Exercises.
8 P. M., Annual Musical Soirée.

" 23, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.

" 23 *Tuesday*, 10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
2 P. M., Entrance Examinations—Greek.
2½ P. M., Literary Meeting of Alumni Association in the chapel.

" 24, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar and Modern Geography.
2 P. M., Fourteenth Annual COMMENCEMENT.

" 25, *Thursday* 9 A. M., Entrance Examinations—Natural Philosophy.
10½ A. M., Entrance Examinations—United States History.
Summer Vacation begins.

Sept. 14–16, *Monday*—*Wednesday*, Entrance Examinations in the same order as in June.

" 17 *Thursday* Fall Term begins. Students assemble in chapel at 9.30 A. M.

October 6, *Tuesday*, First Term of the College of Medicine begins.

" 29, 30, *Thursday*, *Friday*, Examination for Rank.

November 10, *Tuesday*, 8 P. M., Senior Orations.

" 26–28, *Thursday*—*Saturday*, Thanksgiving Recess.

December 8, *Tuesday*, Senior Orations.

" 14, 15, *Monday*, *Tuesday*, Supplementary Examinations.

" 16–18, *Wednesday* — *Friday*, Term Examinations.

" 18, *Friday*, Fall Term ends. Holliday Recess begins.

1886—

January 4, *Monday*, Winter Term begins.
" 28, *Thursday*, Day of Prayer for Colleges.
February 2, *Tuesday*, 8 P. M., Senior Orations.
" 9, *Tuesday*, First Term of the College of Medicine ends.
" 10, *Wednesday*, Second Term of the College of Medicine begins.
March 2, *Tuesday*, 8 P. M., Senior Orations.
" 25, 26, *Thursday*, *Friday*, Supplementary Examinations.
" 29–31, *Monday — Wednesday*, Term Examinations.
April 6, *Tuesday*, Spring Term begins.

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FIFTEENTH

ANNUAL

OF THE

SYRACUSE UNIVERSITY

1885-86.

ANNUAL

OF THE

SYRACUSE UNIVERSITY

ERRATUM.—The list of Post-Graduate Students, candidates for Ph. D., on page 22, should have been placed in the College of Liberal Arts, on page 13.

1885-86.

SYRACUSE, N. Y.
MDCCCLXXXV.

ANNUAL

OF THE

SYRACUSE UNIVERSITY

FOR THE

COLLEGIATE YEAR

1885-86.

SYRACUSE, N. Y.
MDCCCLXXXV.

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Lincoln Eliott Rowley,	c.	*Hyndsville*,	4 E. Fayette place
Edwin Merritt Sanford,	l. s.	*Hedgesville*,	533 Chestnut
Henry Orrin Sibley,	c.	*Royalton*,	518 Irving
Eliza Newman Sims,	l. s.	*Syracuse*,	120 University ave
Anna Hemans Smith,	c.	*Syracuse*,	179 East Fayette
Herman Wells Tamkin,	c. e.	*Syracuse*,	8 W. Jefferson
Anna Pomeroy Terry,	c.	*Syracuse*,	214 East Genesee
Martin Henry Walrath,	c.	*St. Lawrence*,	155 Harrison
Charles Lorenzo Walsworth,	c.	*Sing Sing*,	228 Madison
Charles Grant Weaver,	s.	*Elmira*,	33 University ave
Noble Earl Whitford,	c.	*Syracuse*,	2½ Slocum ave
Rounsville Wildman,	s.	*Somerset*,	59 University ave
Nellie Maroa Wilmot,	c.	*Carthage*,	169 Madison
Nettie Lydia Wilmot,	c.	*Carthage*,	169 Madison
Gordon Almond Wright,	c. e.	*Massena*,	26 Gazelle
Lovina Anna Ziegler,	s.	*Palmyra*,	6 Salmon block

UNCLASSIFIED.

			City Address.
Ella Jennie Angell,		*Binghamton*,	232 Madison
Herbert Guibord Coddington,	c.	*Syracuse*,	Ostrom ave
George F. Cole,	s.	*Peekskill*,	
Emma Minerva Connell,		*Fulton*,	26 W. Castle
Florence May Davis,	l. s.	*Syracuse*,	127 University ave
Benjamin Wales Dodge,	s.	*Syracuse*,	324 Irving
May E. Duncan,	l. s.	*Syracuse*,	17 Seymour
Horace Milton Ford,	c.	*Fairfield*,	630 Chestnut
Kate Louise Fry,		*Syracuse*,	140 W. Genesee
Charles Lincoln Hall,	c.	*Clifton Park*,	640 Irving
Eugene Howard Joy,	c.	*Ilion*,	
Thomas Noah Merriam,	l. s.	*Chattanooga, Tenn.*,	605 Chesn't
D. A. Parcells,		*Fairport*,	
Rowland Charles Price,	s.	*Syracuse*,	112 W. Genesee
Cora Stranahan,		*Oswego Falls*,	
Saturnino Ferreira da Veiga,	c. e.	*Rio Janeiro, Brazil*,	522 Ches't

College of Medicine.

Faculty

OF THE

College of Medicine.

REV. CHARLES N. SIMS, D.D., LL.D.,
CHANCELLOR.

CHARLES E. RIDER, M. D.,
Emeritus Professor of Ophthalmology.

FREDERICK HYDE, M. D., DEAN,
Professor of Principles and Practice of Surgery.

HENRY D. DIDAMA, M. D.,
Professor of Principles and Practice of Medicine and Clinical Medicine.

NELSON NIVISON, M. D.,
Professor of Physiology, Pathology and Hygiene.

WM. T. PLANT, M. D., REGISTRAR,
Professor of Diseases of Children and Clinical Medicine.

ROBERT W. PEASE, M. D.,
Professor of Operative and Clinical Surgery.

ALFRED MERCER, M. D.,
TREASURER OF THE COLLEGE OF MEDICINE,
Professor of Minor and Clinical Surgery.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M. D.,
Professor of Ophthamology and Otology.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WILLIAM H. DUNLAP, M. D.,
Professor of Materia Medica and Therapeutics.

JOHN C. HEFFRON, M. D.,
Professor of Histology.

DAVID M. TOTMAN, M. D.,
Lecturer on Physiology.

A. CLIFFORD MERCER, M. D., CURATOR,
Lecturer on Pathological Histology.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

WILLIAM H. MILLS, M. D., LIBRARIAN,
Director of the Anatomical Laboratory.

HENRY L. ELSNER, M. D.,
Lecturer on Practice of Medicine.

HENRY B. ALLEN, M. D.,
Lecturer on Obstetrics.

AARON B. MILLER, M. D.,
Instructor in Gynecology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

REUBEN C. HANCHETT, M. D.,
Instructor in Physiology.

CENSORS.

S. M. HIGGINS, M. D., Memphis, N. Y.
R. M. MOORE, M. D., Rochester, N. Y.
I. N. GOFF, M. D., Cazenovia, N. Y.

Students.

POST-GRADUATES.

[CANDIDATES FOR PH. D.]

George E. Ackerman, A. M., M. D., - Warsaw, N. Y.
Augustine Broadway, A. M., - - - Cardiff, N. Y.
Robert Burns, Ph. B., - - - Washington, Ont.
William H. Butts, A. M., - - Orchard Lake, Mich.
William P. Cantwell, Jr., A. B., - - Malone, N. Y.
Gustav A. Carstensen, A. M., - - - Erie, Pa.
Charles R. Dryer, A. M., M. D., - - Fort Wayne, Ind.
Oscar L. Fisher, A. M., - - - Denver, Col.
Wm. R. Granger, A. B., - - - Philadelphia, Pa.
Walter G. Hendrixson, B. S., - - Yellow Springs, O.
William Jones, A. B., - - - Berlin Heights, O.
Matthias S. Kaufman, A. M., - - Fall River, Mass.
Carl R. Krone, B. Ph., - - - Lincoln, Ill.
Benjamin F. Liepsner, A. M., - - Philadelphia, Pa.
Charles P. Luce, A. M., - - - Cuba, N. Y.
Archibald MacDougall, B. Ph., - St. Andrews, N. B.
Frank L. McCoy, A. M., - - - Mason, Mich.
Clinton D. McDonald, A. B., - - - Thorold, Ont.
William N. Mumper, A. B., - - Oshkosh, Wis.
James C. Nicholson, A. B., - - Lavender Hill, Md.
Mason W. Pressly, A. B., - - Chester, S. C.
Henry S. Rowe, A. B., - - - Galway, N. Y.
Charles F. Sitterly, A. M., - East Syracuse, N. Y.
Leo A. Stäger, B. Ph., - - - St. Louis, Mo.
Henry L. Taylor, A. M., - - - Chittenango, N. Y.

Joseph R. Taylor, A. B.,	Hamline, Minn.
Zachary P. Taylor, A. M.,	Rochester, N. Y.
Thomas G. Thompson, A. B.,	Granville, N. Y.
Charles W. Thornton, A. B.,	Mendota, Ill.
Ezra S. Tipple, A. B.,	Camden, N. Y.
Norval Wardrop, M. Ap. Sc.,	Detroit, Mich.
George R. Watson, A. B.,	Roanoke, Va.

SENIOR CLASS.

		City Address.
William B. Breed, B. S.,	*Phoenix*,	86 Warren
William B. Coates,	*Delphi*,	95 South West
Mary E. Carleton,	*Brownville*,	21 Gazelle
Erank C. Drake,	*Oneida*,	90 East Fayette
Emory A. Didama,	*Medina*,	102 South Salina
Edwin S. Maxson, A. B.,	*Syracuse*,	208 Madison
James F. Michel,	*Syracuse*,	13 Belden ave
George M. Price,	*Liverpool*,	66 Spruce
Harry H. Pease, B. Ph.,	*Syracuse*,	36 Montgomery
Fred. W. Sears,	*Syracuse*,	2 Farmer Block
Whiting S. Worden, A. B.,	*Syracuse*,	34 Mulberry

JUNIOR CLASS.

Will L. Benedict,	*Mottville*,	86 Warren
Edwin S. Butterfield, A. B.,	*Syracuse*,	32 East Fayette
Ernest N. Christopher,	*Whitney's Point*,	6 Harrison
William A. Curtin,	*Syracuse*,	146 Adams
Alfred G. Doust,	*Geddes*,	15 Pioneer
Charles E. Doubleday,	*Penn Yan*,	610 Chestnut
Hartmann L. Oberlander,	*Syracuse*,	87½ Butternut
Clara Smith,	*Syracuse*,	29 Holland
William C. Todt,	*Syracuse*,	141 Gifford

FRESHMAN CLASS.

M. Beth Adams,	*North Manlius*,	66 Almond
Edward B. Belding,	*South Onondaga*,	
Frank L. Boothby,	*Phoenix*,	

		City Address.
Almond C. Brockway,	*Richfield Springs*,	57 E. Jefferson
Frank N. Davison	*Theresa*,	101 Catharine
C. N. J. Doolittle,	*Paris*,	
Henry J. Hunter,	*Ilion*,	384 Beach
John C. Kratz,	*Syracuse*,	39 South Alvord
Amelia D. Niven,	*Syracuse*,	112 South Salina
Emma A. Runnion,	*Syracuse*,	18 Seneca
Lincoln E. Rowley,	*Hindsville*,	636 Irving
Charles C. Sherman, B. A.,	*Syracuse*,	113 South Salina
Robert J. Scott,	*Prattsburgh*,	33 University ave
Nelson A. Sloan,	*Bellona*,	101 Catharine
W. Winton Stowell,	*Syracuse*,	Burnet cor. Teall
Hamilton White Swift,	*Syracuse*,	31 Fayette Park
Monroe T. Smith,	*Warren, Pa.*,	Burnet cor. Teall
W. C. Warner,	*Pulaski*,	4 Wheeler Block

College of Fine Arts.

Faculty

—OF THE—

College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL.D.,
CHANCELLOR.

GEORGE F. COMFORT, A. M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SCHULTZE, MUS. D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M. P.,
Professor of Drawing.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

WARD V. RANGER,
Instructor in Photography.

HIRAM S. GUTSELL, A. M., B. P.,
Instructor in Modeling, Etching and Drafting.

GEORGE H. LIDDLE, B. P.,
Instructor in Freehand Drawing.

E. ELY VAN DE WARKER, M. D.,
Lecturer on Artistic Anatomy.

Students.

POST-GRADUATES.

			City Address.
Jessie Zelette Decker, B. M.,	m.	*Syracuse*,	154 Harrison
Henry Riley Fuller, A. M.,	m.	*Syracuse*,	104 University ave

SENIOR CLASS.

Edgar Stanton Maclay,	m.	*Yokohama, Japan*,	19 Mulb'rry
Sara Miranda Maxson, B. Ph.,	p.	*Syracuse*,	208 Madison
Eugene Cecil Olcott,	p.	*Syracuse*,	18 North West
Mary Edith Orr,	p.	*Syracuse*,	623 Irving
Ella Minerva Pardoe,	m.	*Oneonta*,	613 Irving
John Calvin Perry,	s. p.	*Delphi*,	307 Irving
Elmer Joseph Read,	p.	*Towlesville*,	533 Chestnut
Martha Louisa Blaine White,	p.	*Rural Grove*,	168 E. Adams

JUNIOR CLASS.

Abbie Adelia Baldwin,	s. m.	*Syracuse*,	5 Malcolm
Hattie Prior Baldwin,	s. p.	*Friendship*,	648 Chestnut
Hattie Marshall Barnes,	s. m.	*Oswego*,	62 Warren
Minnie Adelle Barney,	p.	*Syracuse*,	15 Merriman ave
Mary Grace Comfort,	p.	*Syracuse*,	Vanderbilt House
Caroline Hill Crawford,	m.	*Syracuse*,	247 Madison
Gertrude Miranda Dada,	m.	*Fulton*,	168 E. Adams

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m. indicates a special Course in Painting, Architecture or Music.

			City Address.
Flora Drescher,	s. m.	*Syracuse*	57 Union
William Grant Egbert,	s. m.	*Syracuse*,	89 Mulberry
Harlan Victor Gause,	s. p.	*Wilmington, Del.*,	Durston B'k
Minnie Belle Harrington,	p.	*Syracuse*,	180 E. Adams
Hattie Adeline Long,	m.	*Syracuse*,	256 Grape
Addie Bliss Marks,	m.	*Peterboro*,	66 Spruce
Alma Laura McMath,	m.	*Webster*,	'99 Irving
Della Celia Mills,	m.	*Syracuse*,	25 Locust
Anna Bingham Packard,	m.	*Syracuse*,	522 Chestnut
Theo Price,	p.	*Mendota, Ill.*,	129 Harrison
Emily Pughe,	m.	*East Schuyler*,	636 Irving
Mary Manuella Stewart,	m.	*Brooklyn*,	65 W. Onondaga
Jennie Emma Weller,	m.	*Lafayette*,	400 Mulberry

SOPHOMORE CLASS.

Nellie Elvena Angell, s. p.,	s. m.	*Ilion*,	648 Chestnut
Conrad Louis Becker,	s. m.	*Newark*,	275 E. Genesee
Charlotte Rebecca Brigham,	m.	*Syracuse*,	30 Van Buren
Emma Brigham,	s. m.	*Syracuse*,	88 South Salina
Nellie F. Chamberlayne,	s. p.	*Olean*,	228 Madison
Henry Morton Chase, A. B.,	s. m.	*Syracuse*,	80 James
Arthur Bridgman Clark,	ar.	*East Onondaga*,	
Margaret May Clarke,	s. m.	*Elbridge*,	142 East Jeffersou
Marietta May Converse,	s. p.	*Woodville*,	142 East Jefferson
Emma Cushing,	m.	*Lockport*,	629 Irving
Kate Cushing,	m.	*Lockport*,	629 Irving
Mary Winona Dennis,	m.	*Syracuse*,	210 Madison
Florence Mary Farnham,	s. p.	*Bradford, Vt.*,	179 E. Adams
Ida May Fisher,	s. m.	*Manlius Station*,	
William Young Foote,	s. m.	*Chittenango*,	156 Harrison
Myrta Leontine Kenaston,	p.	*Syracuse*,	324 Irving
Frederick Carr Lyford,	p.	*Fremont, N. H.*,	615 Chestnut
Jane Theresa Myers,	s. m.	*Syracuse*,	27 Seymour
Jessie Truesdell Peck,	m.	*Apalachin*,	522 Chestnut
Fanny Belle Ripson,	s. m.	*Pulaski*,	
Mary Wadhams Russell,	s. m.	*Mt. Vernon, O.*,	109 E. Fayette
William Henry Silcox,	s. p.	*Sheldrake*,	90 Lodi

			City Address.
Helen Mary Wardwell,	s. m.	*Mansville*,	648 Chestnut
Alice Aurelia Webster,	m.	*Apulia*,	623 Irving
Anna Belle Webster,	m.	*Apulia*,	623 Irving
Harriet Noxon Wright,	s. p.	*Syracuse*,	12 Farmer Block

FRESHMAN CLASS.

Margaret Elizabeth Adams,	s. m.	*North Manlius*,	66 Almond
Jessie Albro,	m.	*Syracuse*,	80 Hawley
Ella Jennie Angell, s. p.,	s. m.	*Binghamton*,	232 Madison
Catherine Townsend Barker,	s. m.	*Syracuse*,	109 University ave
Gertrude Basom,	s. m.	*Alabama*,	85 University ave
Bertha Elizabeth Becker,	s. m.	*Vine Valley*,	275 E. Genesee
Charles John Becker,	s. m.	*Vine Valley*,	275 E. Genesee
Serene Fosgate Birdsall,	s. m.	*Waterloo*,	66 Almond
Sylvia Hortense Bliss,	s. m.	*Des Moines, Ia*,	9 E. Avenue
Geneva Maude Brand,	s. m.	*Syracuse*,	27 Almond
Emily Burch,	s. m.	*West Schuyler*,	636 Irving
Lillian Hattie Clarke,	s. p.	*Elbridge*,	142 East Genesee
Minnie Elizabeth Clark,*	s. m.	*Syracuse*,	201 East Fayette
Bertha H. Coleman, s. p.,	s. m.	*Brockport*,	172 East Adams
Nellie Collins,	s. m.	*Syracuse*,	21 Rust
Arthur Carey Connelly,	s. m.	*Kingston*,	35 University ave
Fanny May Cowles, s. p.,	s. m.	*Fayetteville*,	University place
Alma Crans,	s. m.	*Bridgeport*,	
Hattie Daboll,	s. m.	*Jordan*,	
Mary Amelia Day,	s. p.	*Waterloo*,	66 Almond
Charles Winfred Douglass,	m.	*Oswego*,	162 Warren
Mary Isabel Dunford,	s. m.	*Syracuse*,	335 Spring
Alice Ensign,	s. m.	*Albion, Mich.*	
Leone Adelle Fitch, s. p.,	s. m.	*Lowville*	85 University ave
Cora Alice Fix,	s. m.	*Geddes*,	6 Pioneer
Mary Lena Fox,	s. m.	*Springville*,	120 Butternut
Milton Newberry Frantz,	s. m.	*Norristown, Pa.*,	731 Irving
Carrie Goldstein,	s. m.	*Syracuse*,	3 Goldstein Block
Kate Crouse Gray,	s. p.	*Syracuse*	116 E. Fayette

* Deceased.

			City Address.
Grace Green,	s. m.	*Moravia*,	
Isabella Hadger,	s. m.	*Port Byron*,	26 Renwick ave
Gates Hamburger,	s. m.	*Syracuse*,	138 East Jefferson
Edwin Marble Hasbrouck,	s. p.	*Syracuse*,	158 South Salina
Benedict R. Hatmaker,	s. m.	*Troy, Pa.*,	630 Chestnut
Carrie Haydon,	s. m.	*Lysander*,	623 Irving
Clara Helen Hoag,	s. m.	*Cortland*,	243 East Fayette
Bertha Hoffman,	s. m.	*Syracuse*,	42 John
Frank Robert Holmes,	s. m.	*Central Square*,	
Cora Louisa Jones,	s. m.	*Syracuse*	318 Irving
Nellie Louisa Klock,	s. p.	*Geddes*,	47 Chestnut
Minnie Levy,	s. m.	*Syracuse*,	136 East Jefferson
Margaret T. Lighton,	p., s. m.	*Syracuse*,	80 Townsend
Mabel Wendell McClelland,	m.	*Crawfordsville, Ind.*,	53 Lemon
Roberta McClure,	s. m.	*Syracuse*,	214 East Genesee
Blanche D. McDonnell,	s. m.	*Pulaski*,	
Frances Agnes McGerald,	p.	*Tonawanda*,	613 Irving
Marea Louise Mitchell,	s. p.	*Woodville*,	142 East Jefferson
Olive Crawford Moorhead,	s. m.	*Syracuse*,	631 Irving
Caroline Eliza Morton,	s. m.	*Hartford, Conn.*,	314 Irving
Eugenia Northrup,	s. p., s. m.	*Lysander*,	623 Irving
Edwin Fitch Northrup,	s. p.	*Syracuse*,	33 Green
Francis Conrad Osborn,	s. m.	*Manlius Sta'n*,	155 Harrison
Estelle Gertrude Platt,	s. m.	*Tivoli-on-the-Hudson*,	522 Chst
Jane Rosella Posthill,	s. m.	*Syracuse*,	181 Shonnard
Mary Verona Ramsay,	s. m.	*Syracuse*,	168 East Fayette
Eliza Randall,	s. m.	*Syracuse*,	131 Montgomery
Nelly King Riley,	s. m.	*Syracuse*,	33 Onondaga
Ella May Robbins,	s. p.	*Weedsport*,	142 E. Jefferson
Charlotte Mabel Robinson,	s. m.	*Auburn*,	12 Montgomery Bldg
Lela Minnie Roe,	s. m.	*Brookton*,	
Frank A. Schnauber.	s. ar.	*Syracuse*,	101 South West
Margaret Ann Sexsmith,	s. m.	*Syracuse*,	55 University ave
Catharine Louise Seymour,	s. m.	*Marcellus*,	
Mary Frances Shorey,	s. m.	*Syracuse*,	2½ Union
William John Sloan,	ar.	*Syracuse*,	5 Greenway place
Blanche Stevens,	m.	*Syracuse*,	143 East Genesee

			City Address.
Fanny Stevens,	s. m.	*Pulaski*,	143 East Genesee
Jufie Anna Stevens,	s. m.	*Pulaski*,	143 East Genesee
Minnie May Stone,	m.	*Potsdam*,	85 University ave
Wellington Watt Taber,	ar.	*Danforth*,	316 South Salina
Jennie DeRemer Thorburn,	s. m.	*Marcellus*,	613 Irving
Grace E. Townsend,	s. m.	*Moravia*,	30 Johnson
Jennie Ceola Vary,	s. m.	*Harrisburg, Pa.*,	247 Madison
Aleda Virginia Warner,	s. m.	*Syracuse*,	121 Butternut
Eva Mary Waterman,	s. m.	*Taberg*,	613 Irving
Frank Augustus Welch,	m.	*Syracuse*,	53 Warren
George S. Westcott,	s. m.	*Syracuse*,	1 South Salina
Jennie Louisa Whitbread,	s. m.	*De Witt*,	21 Gazelle
Jennie Rich Whitney,	s. m.	*Mexico*,	

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

Ida May Adamson,	*Syracuse*,	226 Madison
Conrad Louis Becker,	*Newark, N. J.*,	275 E. Genesee
Maude Estelle Brown,	*Syracuse*,	629 Irving
Sarah Porter Browne,	*Syracuse*,	104½ Calhoun
Edwin Ernest Buszard,	*Syracuse*,	13 James
William Sanger Butler,	*Syracuse*,	106 E. Fayette
William Crofut,	*Syracuse*,	139 Wilson
Minnie Elizabeth Curtis,	*Syracuse*,	9 Cedar
Effie Gardner,	*Pulaski*,	
Marion Eselma Granger,	*Syracuse*,	55 Holland
Lena Marion Hensel,	*Syracuse*,	110 Park
Edward Corbin Jenkins,	*Syracuse*,	40 Almond
Carrie Eugenia Kennedy,	*Marcellus*,	
Henrietta Marie Kittell,	*Syracuse*,	92 Hickory
Eva Fanny Miller,	*Bath*,	17 Renwick ave
Blanche Genevieve O'Connor,	*Syracuse*,	155 E. Genesee
Frances Electa Phillips,	*Danforth*,	312 South Salina

		City Address.
Grace Ewight Potter,	*Syracuse*,	86 West Onondaga
Belle Stoutenger,	*Syracuse*,	66 Kellogg
Henry Whitman,	*Syracuse*,	11 Crouse Block
Kittie Cronkhite Wood,	*North Urbana*,	66 Renwick ave
Alice Cordelia Young,	*Syracuse*,	170 Madison

Summary of Students.

College of Liberal Arts.

Post-Graduate Students,		32
Senior Class,	30	
Junior Class,	35	
Sophomore Class,	35	
Freshman Class,	66	
Unclassified,	16	182

College of Medicine.

Senior Class,	11	
Junior Class,	9	
Freshman Class,	18	33

College of Fine Arts.

Post-Graduate Students,	2	
Senior Class,	8	
Junior Class,	20	
Sophomore Class,	26	
Freshman Class,	79	135
Gymnasial Students in Music,		22
		404
Names repeated,		13
Total		391

Degrees Conferred

BY THE

UNIVERSITY IN 1885.

Doctor of Laws.

Henry K. Carroll, New York.

Doctor of Divinity.

Rev. Gilbert H. Gregory, New York.
Rev. Abram J. Palmer, Brooklyn.

Doctor of Philosophy.

[Conferred only upon examination.]

Martha E. Foote Crow, Grinnell, Iowa, English Literature.
Prof. Frederick A. Cook, Poultney, Vt., Greek.
Prof. William B. Harlow, Syracuse, English Literature.
Rev. William C. Kitchin, Nagasaki, Japan, English Literature.
Rev. Alexander McLeod, Durham, Nova Scotia, Christian Evidences.
Rev. Charles W. Rowley, Canojoharie, Christian Evidences.
Rev. William Smith, Howell, Mich., Philosophy.
Rev. Prof. Ervin L. Thorpe, Fayette, Iowa, Christian Evidences.

Master of Arts.

Augustine Broadway, *on examination* in Christian Evidences.
Charles P. Luce, " English Literature.
Frank L. McCoy, " Ethical Philosophy.
Charles F. Sitterly, " English Literature.
Henry L. Taylor, " Latin.
Zachary P. Taylor, " Political Science.

Henry A. Dickinson, *in cursu*,
Olin R. Howe, "
George P. Loomis, "
Francis E. Trowbridge, "
Lorenzo D. Tyler, "
Louis E. Fuller, *in cursu*,
Nicholas Knight, "
William D. Rockwell, "
Edwin M. Wells, "
George W. Cook, Jr., "

Joshua L. Welter, *in curso*.

Master of Philosophy.

Bertha Holden, *in cursu*,
Vance Turtelot, *in cursu*.

Bachelor of Arts.

Charles Comstock Brill,
Horace Alonzo Crane,
George Edwin Ellis,
William Bostwick Fuller,
Hiram Hunt Henderson,
John Greeley Jones,
Albert Harrington Meads,
Henry Allen Peck,
Jay David Stay,
William Lewis Wallace,
Edward DeForest White,
Eugene Wiseman,
Charles Oliver Dewey,
Alfred Henry Eaton,
Nellie Ford.
Samuel Gilbert Harris,
W. Newton Holmes,
Clinton Donald McDonald,
Henry Herbert Murdock,
Elmer Ellsworth Smiley,
Frank Henry Wallace,
Francis Augustus Welch,
William Wilber.
Frank Higby Wood,
Albert M. York.

Bachelor of Philosophy.

Charles Danford Bean,
Ida Esther Goldman,
Jesse Lincoln Bronner,
Francis Conrad Osborn,
Archibald MacDougall.

Bachelor of Science.

Alice Caroline Gillette,
James Packard Mann,
Flavel Shurtleff Thomas.

Doctor of Medicine.

Miss Frank A. Adams,
Nathaniel A. Cavenor,
Edward C. Johnson,
Wheelock Rider,
Lucius H. Smith,
Frederick E. Bruce,
Frank D. Finley,
George I. Post, Jr.,
Earll W. Smith,
Otto A. Thomas.

Bachelor of Painting.

Bolton Coit Brown,
Betsey Jane Gutsell,
Cora Belle Lyon,
Cora Edith Dyer,
Elizabeth May Hall,
Nellie Augusta Sweet.

Bachelor of Music.

Carrie Parke Jones,
Anna Bradford Sheldon,
Eva Adelaide Seymour,
Ida Potter Smith,
Ida Maria Steingrebe.

Alumni Association.

OFFICERS FOR 1886-6.

PRESIDENT,

JAMES M. GILBERT, A. M., - - Syracuse.

VICE-PRESIDENT,

PROF. FRANK SMALLEY, A. M., - - Syracuse.

SECRETARY AND TREASURER.

E. OLIN KINNE, A. M., M. D., - - Syracuse.

DIRECTORS.

CHARLES N. COBB,
RICHARD E. DAY,
JAMES M. GILBERT,
MANLY S. HARD,
OSCAR A. HOUGHTON,
E. OLIN KINNE,
EDWIN NOTTINGHAM,
WILLIAM NOTTINGHAM,
MRS. WM. NOTTINGHAM,
FRANK SMALLEY,
LUCIEN M. UNDERWOOD,
CARLTON C. WILBOR,
JOSEPH H. ZARTMAN.

General Information.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are:

I. THE COLLEGE OF LIBERAL ARTS.
II. THE COLLEGE OF MEDICINE.
III. THE COLLEGE OF FINE ARTS.

They are all open for the admission of women on the same terms as men.

BUILDINGS AND GROUNDS.

The large and elegant building occupied by the Colleges of Liberal Arts and of Fine Arts stands on a beautiful site, containing fifty acres, within the city limits and commands a magnificent view of city, lake and surrounding country.

The College of Medicine occupies suitable buildings near the center of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University; but indicates a reciprocity of kind offices. The Students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College at Claverack;

Cazenovia Seminary at Cazenovia; Ives Seminary at Antwerp; Onondaga Academy at Onondaga Valley; Yates Union School at Chittenango; and Genesee Wesleyan Seminary at Lima.

LIBRARIES.

The General Library contains about 13,000 carefully selected volumes, and is open daily except Sundays. A Reading Room abundantly supplied with current literature is connected with it. Students are permitted to use these without extra charge.

The Library of the College of Medicine is kept in its building.

MUSEUMS.

The University Museum possesses a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains.
2. An extensive lithologic collection representing all the leading types of rocks.
3. A collection of fossils illustrating especially the palæontology of New York State.
4. The "Cooper collection" of quartz and its varieties.

In zoology are:

1. The "Banks collection" of North American birds.
2. A considerable collection of alcoholic specimens, mostly of Invertebrates.
3. A collection of shells with abundant representation of nearly all molluscan families.
4. A collection of insects.

In Botany a well ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University now receives annually about $16,000 from its invested funds, and $7,500 from Conference Professorships.

The Northern New York, Troy, Wyoming, Genesee, Central New York, and New York Conferences have each undertaken the endowment of a Conference Professorship. Funds are received on annuities of six per cent. payable semi-annually.

The net value of the entire property of the University is about $650,000.

SCHOLARSHIPS.

In February, 1882, the Trustees authorized the establishment of fifty $1,000 perpetual scholarships, in which the University agrees to expend forever the accruing interest in tuition for worthy, needy students. Eighteen of these scholarships have now been established.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Civil Engineering Course, *Bachelor of Civil Engineering;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the "Post-Graduate Courses of Study," published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of

Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

NON-RESIDENT AND SPECIAL STUDENTS.

DEGREES.—Occasionally persons of scholarly pursuits who have not completed a course of study in any college desire, nevertheless, to obtain a degree which may properly represent their attainments. To meet this desire, the appropriate degree is offered to any person not less than twenty-eight years of age who gives evidence on examination of having fully mastered any course of study in the College of Liberal Arts or in the College of Fine Arts. No substitutions which would lessen the required standard will be allowed. The work prescribed must be thoroughly accomplished. Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before Commencement. The charge for such examinations will be the same as for one year's tuition, with the usual matriculation and graduation fees.

CERTIFICATES.—Applications are sometimes received from persons desiring to pursue a course of study without reference to a degree. It has been deemed advisable to furnish to applicants, on correspondence with the Faculty, such courses of study as are suited to the needs and qualifications in each case. This provision, however, is limited to persons not less than twenty-five years of age. The course may be pursued as entirely non-resident or the candidate may present himself at the University and enter such classes as he may be qualified to enter, or make such arrangements for instruction as may suit the convenience of the several professors. Certificates will be given showing the amount and character of the work done. The usual matriculation fee will be required; tuition will be at the usual rates and the fee for a certificate, $5.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni. Copies of the Annual will be regularly sent to such of the Alumni as report their post-office address annually to the Dean of the College of Liberal Arts.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5,00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used), are $20.00 per term; to sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, *if it should appear to be necessary, in order to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving college. Fee for graduation $20.00.

In the College of Medicine the charges are: one term $65; a year $100; graduation $25. To students who have fully paid for the first and second years, the fee for the third year is $50.

In the College of Fine Arts the charges are: tuition, $100 a year ($33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20.00.

Term bills must be settled at the opening of each term. Students can be admitted to classes only upon presentation of

a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board, with furnished room, can be obtained in the city for from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week, and others rent rooms and board themselves at a still less expense. Further information may be obtained on application to Dr. J. J. Brown, 90 University avenue, or to Prof. J. S. Clark, 127 University avenue.

The managers of the D. L. & W. railroad kindly pass all students of the University over their roads at half rates upon orders from the Dean of the Faculty of the College of Liberal Arts.

College of Liberal Arts.

TERMS.

The next collegiate year begins on Monday, the 13th of September, and the first three days are devoted to examination for entrance. The first term, consisting of fourteen weeks, ends on the Friday before Christmas week, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American colleges, including a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Course in Civil Engineering special attention is given to mathematics in which a thorough training necessarily precedes and is essential to a good knowledge of engineering. This course is intended to give the student also such instruction in the theory and practice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is somewhat larger.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1). English Grammar.—Kerl's *Comprehensive*, entire, or its equivalent.

(2). Geography.—*Modern Geography*, Physical and Civil, and *Ancient Geography*, particularly that of Italy, Greece, and Asia Minor, as given in Allen's *Classical Hand Book*, or Baird's *Manual*.

(3). History.—*United States History*, from the discovery of America to the close of the War of 1812. Merivale's *History of Rome*, first twenty-five chapters. Smith's *Smaller History of Greece*, to the death of Alexander.

(4). Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, to Quadratic Equations, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent.

(5). Natural Philosophy.—Dr. J. Dorman Steele's text book or its equivalent.

(6). Latin.—Harkness' *Latin Grammar;* four books of Cæsar's Commentaries; *Cicero's Orations* against Catiline; *Sallust's Catiline;* six books of the *Æneid*, with special reference to the

prosody; Allen and Greenough's *Latin Composition*, part first complete.

(7). GREEK.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* two books of the *Iliad.*

Regents certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin-Scientific Course are examined in the studies required for the Classical Course, excepting the Greek.

3. Candidates for the Scientific Course are examined in the studies named in (1); (2), except ancient geography; (3) except ancient history; (4); (5); and in one of the Latin authors named in (6).

4. Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course, except Latin.

II. TO ADVANCE CLASSES.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. FOR UNCLASSIFIED STUDENTS.

Students who do not desire to complete any of the regular courses of study, may select such studies and attend such classes as their qualifications permit. They are expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1886 as follows: In *Latin*, Monday, June 21; in *Mathematics* and *Greek*, Tuesday, June 22; in other preparatory studies, Wednesday and Thurs-

day, June 23 and 24. They will also be held in the same order on Monday, Tuesday and Wednesday, September 13, 14, and 15. The examinations will begin on Monday at 9 A. M.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text books are retained and used.

Freshman Year; Kellogg's English Literature.

Senior Year; Arnold's Manual of English Literature.

Senior Year, (Elective); Lectures on Literary Style and Composition, and English and American classics.

2.—Latin Language and Literature.

Two text books are used throughout the course, viz : Harkness' Standard Latin Grammar—as the constant reference manual—and Smalley's Latin Analysis—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

Freshman Year: *First term*, Cicero; Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, book I or XXI; Prose Composition; Roman History; and frequent exercise in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; Written translations of Juvenal, and exercises in reading Latin at sight.

Sophomore Year: *Second term*, Horace; Selections from the Odes, Epodes, Satires and Epistles; Roman History complete; Essays on Roman life, customs, dress, buildings, utensils, econ-

omy, etc. Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul: Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, book X and XII: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

SENIOR YEAR: *First term*, (elective) Browne's, also Cruttwell's, with lectures on the origin and development of the Latin Language, and its early records and relics.

GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOLOGY and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but

also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Goodwin's Greek Grammar. *Second term*, Demosthenes on the Crown; Goodwin's Grammar; Arnold's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed; Arnold's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Plato's Apology and Crito; Arnold's Greek Prose Composition; Goodwin's Moods and Tenses. *Third term*, Greek Tragedy; Goodwin's Moods and Tenses.

JUNIOR YEAR: *Third term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Literature (elective); *Second term*, Greek Tragedy (elective).

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

GERMAN LANGUAGE; *First year*, Comfort's German Course, First German Reader, and thirty pages of the Larger German Reader; also forty exercises from the Jaynes-Otto German Course; *Second year*, Comfort's large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

FRENCH LANGUAGE; *First year*, Otto's French Grammar, a French Comedy and La Petite Fadette, by George Sand; *Second year*, Demogeot's History of French Literature, and various classic dramas.

ITALIAN LANGUAGE; Fontana's Grammar, Giudici's Italian literature, and various classic dramas.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's Complete) — Quadratic equations, calculus of radicals, theory of indeterminate co-efficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's).—Construction of equations, production of equations of plane loci, transformation of co-ordinates, properties of the conic sections.

Calculus (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Mechanics* (Bowser's)—[elective in the Classical and Latin Scientific Courses, required in the Scientific Course], composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy (Norton's)—[required in all the courses], elementary principles, determination of latitude, longitude and time, precession, aberration, determination of the elements of a planet's orbit, eclipses, with the computation in full of an eclipse of the moon.

Students in the course in civil engineering devote an additional term in the Junior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they take up Railroad engineering and the Theory of Strains as applied to the construction of bridges and roofs; project some original en-

gineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6—Chemistry and Physics.

Instruction in Physics is given by recitations and lectures.

Sophomore Year: *First term*, the laws of solids, liquids and gases; *Second term*, heat.

Junior Year: *Third term*, light and electricity.

Chemistry is pursued through the Junior year. *First term*, history of Chemistry and Chemical Philosophy; *Second term*, Stoichiometry and the univalent elements; *Third term*, metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

7.—Geology, Zoology and Botany.

Physiology is taught during the first term of the Freshman year.

Zoology is required in the scientific and civil engineering courses during the second term of the Sophomore year, and is elective with the Juniors in the latin-scientific and classical courses. Packard's *Zoology* is used as a text-book, supplemented by laboratory study.

Botany is required during the third term of the Sophomore year in the scientific, latin-scientific, and civil engineering courses, and is elective with the Juniors in the classical course.

The work is done entirely in the laboratory and field; Gray's *Manual* is required for reference. This subject is also elective by such as are properly qualified, in all the courses during the first term of the Junior or Senior year. Bessey's *Essentials of Botany*, is used as a text-book, supplemented by microscopic work in the laboratory.

Geology is required in the first term of the Senior year. The text-book is Le Conte's *Elements of Geology*. The work of this term includes dynamic and structural Geology. Historic Geology is elective during the third term of the Senior year. The same text-book is used, supplemented by excursions.

Instruction in Mineralogy and Lithology is given during the second term of the Senior year to such students as are prepared in blow-pipe analysis. The work is done in the laboratory, using for reference Foye's *Table for Mineral Analysis*. Fees are charged for material used the same as in analytic chemistry.

8.—History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text-book.

Freshman Year: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the third term, Rawlinson's Ancient History (except the portions on Greece and Rome), is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

Sophomore Year: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the causes, development and consequences of the crusades; the Medieval Literature, etc. Dur-

ing the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the second term, lectures are given on the "Comparison of French and English Government prior to 1789." Throughout the year, dissertations, and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosphy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing two hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—RHETORIC, ENGLISH CRITICISM AND ELOCUTION.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions at the hands of the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of Expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshmen and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text-books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

FRESHMAN YEAR: *English Criticism.*—Essay Outlines, Punctuation (by notes), Abbott's How to Write Clearly, and Spencer's Philosophy of Style. *Elocution.*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone-quality, Utterance, Pitch, Force, Time, and Slides, using Dickens's Christmas Carols for practice and illustration. *Essays.*—Three original essays per term of not less than five hundred nor more than seven hundred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part, before the class.

SOPHOMORE YEAR: *English Criticism.*—Clark's English Composition and Revision, together with class work on the essays. *Elocution.—First term*, Bacon's Manual of Gesture with notes on Delsarte; *Second term*, three declamations, rehearsed privately

and delivered before the class; *Third term*, declamations of prescribed character, delivered and criticised before the class. *Essays.*—Three each, in *first* and *third terms* of not less than seven hundred nor more than one thousand words on subjects assigned. During the *second term* the declamations take the place of the essays. At the close of this year selections are made from those who then evince the most progress in declamation to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR: *Elocution.—First term*, Declamations of prescribed character delivered and criticised before the class; *Second* and *third terms*, Extempore speaking. *Orations.*—One each term, of not less than seven hundred words, after private rehearsal is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.—Second term*, Bain's Manual supplemented by Kame, Campbell, Hill, etc. One original oration of at least one thousand words is rehearsed and delivered at a Senior Exhibition in the chapel within the first two terms; a like oration is required from each member of the class early in the third term, from which selections are made for delivery at commencement.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:—

JUNIOR YEAR: *Second term*, Bowen's *Hamilton; Third term*, Bowen's *Hamilton* finished.

SENIOR YEAR: *Second term*, Mahan's *History of Modern Philosophy; Third term*, (elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—Ethics and Christian Evidences.

In the Department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

Senior Year: *First term*, Calderwood's *Moral Philosophy; Third term*, Hopkin's *Evidences of Christianity.*

13.—Jurisprudence and Political Economy.

Senior Year: *First term*, Political Economy and General Principles of Jurisprudence (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

PARALLEL COURSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in *Italics* are elective; but a sufficient number must be elected to make sixteen exercises per week.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
FRESHMAN YEAR.	FIRST TERM.	Algebra, 4. Physiology, 2⅓. Latin, 5. Greek, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2⅓. Latin, 5. German, 4. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2⅓. Physiography, 2. German, 4. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 2⅓. Physiography, 2. German, 4. F. H. Drawing from Patterns, 2, (4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Algebra, 4. Latin, 4⅓. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4½. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H. Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	THIRD TERM.	Geometry, 5. Latin 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 5. Physiography, 2. German, 4. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 5. Physiography, 2. German, 4. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.	First Term.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of English Revolutions, 2. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. History of English Revolutions, 2. Perspective Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Descriptive Geometry, 5. English Criticism, 1. Elocution, 1.
	Second Term.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Zoology, 4. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Zoology, 4. German, 1. Physics, 3. Orthographical Projections, 2. English Criticism, 1. Elocution, 1.
	Third Term.	Calculus, 4. Modern History, 3. German, 4. Greek, 3. English Criticism, 1. Elocution, 1. *Surveying*, 4.	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. *Surveying*, 4. Architectural Drafting, 2, (4).	Calculus, 4. Modern History, 3. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Surveying, 4.	Calculus, 4. Surveying, 4. German, 3. Botany, 2. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.

First Term.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Tribal Migrations*, ½. *Free Hand Drawing*, 2, (4). *Hebrew*, 2.	French, 2. Logic, 5. Chemistry, 2. Latin, 3. Elocution, 1. *Tribal Migrations*, ½. *Calculus*, 4. *Botany*, 3, (6).	French, 2. Logic, 5. Chemistry, 2. Elocution, 1. Calculus, 4. *Tribal Migrations*, ½. *American Revolution*, 1. *Botany*, 3, (6).	French, 2. Calculus, 4. Chemistry, 2. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 5. *Tribal Migrations*, ½. *English Revolutions*, 2. *Botany*, 3, (6).
Second Term.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *Mechanical Drafting*, 2, (4). *Latin*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Zoology*, 4.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *Zoology*, 4.	French, 4. Astronomy, 4. Chemistry, 2. Psychology, 2. History of French Revolution, 2. Elocution, 1. *Anglo-Saxon*, 1. *German Literature*, 2.	French, 4. Spherical Astronomy, 4. Chemistry, 2. Lettering, 2, (4). *Elocution*, 1. *Anglo-Saxon*, 1. *German Literature*, 2. *Psychology*, 2.
Third Term.	French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Botany*, 2. *Greek Comedy*, 3. *Physics*, 3.	French, 3. Chemistry, 2. Psychology, 2. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Physics*, 3.	French, 3. Chemistry, 2. Psychology, 2. Elocution, 1. Mechanics, 5. History of Education, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.	French, 3. Chemistry, 2. Mechanics, 5. Isometrical Projection, 2, (4). Geodesy, 2. *Elocution*, 1. *Psychology*, 2. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Analytical Chemistry*, 2, (4). *Physics*, 3.

PARALLEL COURSES OF STUDY.—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Historical Writings*, ½. *Roman Literature*, 2. *Botany*, 3, (6).	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Historical Writings*, ½. *Roman Literature*, 2.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Hist. of Historical Writings*, ½. *Linear Perspective*, 2, (4).	Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, 5. Linear Perspective, 2, (4). *Moral Philosophy*, 4. *Esthetics*, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Hist. of Historical Writings*, ½.
	SECOND TERM.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *History of French Revolution*, 2. *Greek Tragedy*, 3. *International Law*, 2. *Mineralogy*, 2.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. Rhetoric, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2.	Art History, 1. History of Philosophy, 3. Philosophy of History, 1. Rhetoric, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *English Literature*, 5. *Mineralogy*, 2.	Bridges and Roofs, 4. Shades and Shadows, 2, (4). *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *French Revolution*, 2. *English Literature*, 5. *International Law*, 2. *Mineralogy*, 2.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Civil Liberty*, 1. *Revs. of Nineteenth Century*, 3. *History of Philosophy*, 3. *Geology*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Civil Liberty*, 1. *Revs. of Nineteenth Century*, 3. *History of Philosophy*, 3. *Geology*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *History of Civil Liberty*, 1. *Revs. of Nineteenth Century*, 3. *History of Philosophy*, 3. *Geology*, 3.	Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Drawing with Specificat'ns, 5. THESIS. *Christian Evidences*, 5. *Art History*, 1. *History of Civilization*, 3. *History of Civil Liberty*, 1. *Revs. of Nineteenth Century*, 3. *History of Philosophy*, 3. *Analytical Chemistry*, 3, (6). *Geology*, 3.

College of Medicine.

Ten years ago, this College, dissatisfied with the desultory and immethodical ways that had long characterized American medical teaching, adopted a classified and progressive course of instruction, and extended its annual period of study to over eight months. Ten years of experience has but strengthened its conviction of the superiority of the graded plan over all others, and its constant effort is to perfect the methods by which that plan is carried out. It can assure all industrious, earnest students, who have sufficient preliminary education to profit by its course, that they can here lay a sound foundation of knowledge upon which to rear a superstructure of successful medical practice.

THE COURSE OF STUDY.

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology and Botany.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Diseases of Children, Pathology, Gynecology, Forensic and State Medicine, Ophthalmology and Clinics.

First Year students receive practical instruction in chemistry, through a course of laboratory work extending through both terms. Second Year students take a shorter course in purely Medical Chemistry.

Laboratories have been established for practical work in Chemistry, Histology, and Comparative and Human Anat-

omy, and it is designed to equip a Physiological Laboratory in the near future. A principal part of the student's time during the first year is spent in the work rooms of these fundamental studies.

Usually there are from two to four clinics weekly.

There are two good hospitals in Syracuse—St. Joseph's and the House of the Good Shepherd. The former has recently been greatly enlarged. Through the courtesy of the governing officers, both of these institutions are open to the College for purposes of clinical instruction, and in each the Hospital staff is made up in part of the clinical teachers.

The College Dispensary also furnishes patients for clinical observation. These three institutions afford good clinical opportunities to the students of the Second and Third Years. First Year students are not required or expected to attend upon bedside instruction.

THE COLLEGE YEAR.

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length. The first term of the present college year begins on Tuesday, October 6th, 1885, and ends on the second Tuesday of February, 1886. The second term begins on the second Wednesday of February, and ends on the second Thursday of June, 1886.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

EXAMINATIONS, &C.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. The regular examinations are held in the following order: All students who enter for the regular course, are required to give evidence of a fair preliminary education. Those not bringing certificates from

acceptable sources are examined in the common English branches. This preliminary examination is held at the College on the opening Tuesday evening in October at 7 o'clock. Examinations are also held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a Board of Censors who are not members of the Faculty, appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, with thirty different objects, prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for

graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Chemical Laboratory, 1st year, $10.00; Anatomical Laboratory, 1st year, $10.00; Tuition for the year, $100.00; for either term alone, $65.00; for Graduation, $25.00. The fee for the third year, to such as have *fully* paid for the first and second years, is $50.00. Students from other departments of the University are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment of College dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates of this school have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

TEXT-BOOKS.

ANATOMY—Gray; Quain. PHYSIOLOGY—Foster; Dalton; Flint. CHEMISTRY—Attfield. PRACTICE—Flint; Niemeyer. SURGERY—Hamilton; Agnew; Ashhurst. MATERIA MEDICA—Bartholow. OBSTETRICS—Playfair; Cazeau. CHILDREN—Meigs & Pepper; J. Lewis Smith and Eustace Smith. FORENSIC MEDICINE—Taylor; Woodman and Tidy. HISTOLOGY—Quain's Anatomy; Harris and Power. HYGIENE—Parkes; Wilson.

PRIZES.

Two prizes are conferred annually by the College. The first is given to that student who has the highest average general grade for the entire three years of study.

The second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate.

For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, Wm. T. Plant, M. D., Syracuse, N. Y.

College of Fine Arts.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

At present, courses of instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as early as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, Plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with

the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, *i. e.*, those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general, coincident with those in the College of Liberal Arts. (See calendar.)

An Annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

An Annual concert is given by the students in Music, on the last Monday evening of the collegiate year. Other concerts are given from time to time during the year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music.* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music, without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

Graduates in the above courses of study who have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in the history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

COURSES OF STUDY.

The following schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from Patterns, 5. Drawing from the Solid, 3. Algebra, 4. German Language, 4.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 2. Chemistry, 2.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 1. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Solids, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 2. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. History of Fine Arts in Outline, 1. Modern History, 3. French Language, 4. Chemistry, 2.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 2. Shades and Shadows, 2. Geometry, 5. German Language, 4.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 2. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. History of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 3. Modern History, 3.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from the Flat, 5. German Language, 4. Physical Geography, 2. Physiology, 2½.	Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 2. Medieval History, 2.	Oil Painting, 5. Drawing from Casts, 3. Modeling, 2. Esthetics, 1. Chemistry, 2. French Language, 2.	Oil Painting, Landscape, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Geology, 3. Italian Language, 2. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Solids, 5. German Language, 3. Physical Geography, 2.	Water Color Painting, 5. Artistic Anatomy, 5. Natural History, 4. Modern History, 3.	Oil Painting, 5. Drawing from Casts, 2. Etching, 3. History Fine Arts in Outline, 1. English Literature, 3. French Language, 4.	Oil Painting, Figure, 4. Drawing from Life, 4. Decorative Art, 2. History of Sculpture, 1. Classical Archæology and Symbolism in Art, 1. Rhetoric, 2. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Casts, 2. Drawing from Nature, 3. German Language, 4. Physical Geography, 2. Ancient History, 2.	Water Color Painting, 5. Drawing from Nature, 3. Modeling, 3. Botany, 2. Modern History, 3. Botanical Drawing, 2.	Oil Painting, Landscape, 5. Drawing from Life, 5. History Fine Arts in Outline, 1. Photography, 2. French Language, 3.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 2. Theoretical Rudiments, 2. Recital, 1. Physiology, 2½. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Medieval History, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. Chords and Figuration, 2.	Polyphonic Forms of Musical Composition, 1. Cultivation of the Voice, 2. Violin, (Quartette Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. German Language, 2. Organ, 1. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Modern History, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 3. Organ, 1. The Smaller Forms of Musical Composition, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, (Solo Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. English Literature, 3. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. Modern History, 3. French Language, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. The Smaller Forms of Musical Composition, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 1. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. History of Civilization, 3. Graduating Thesis.

SUBJECTS AND METHODS OF INSTRUCTION

IN

Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold after the same arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and precision in delineating and executing designs. Freehand Draw-

ing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time is appropriated in the curriculum to instruction in Oil Painting than

in Water Color Painting.. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Moulds, and of making Casts in plaster. Prominence is given to Modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

Photography.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. Instruction is given at the studio of the instructor hav-

ing charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

Esthetics.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts in outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian amd Medieval Archæology.

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts; written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the

immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a Library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An "Esthetic Society" has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

SUBJECTS AND METHODS

—OF—

Instruction in Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violoncello, cornet or clarinet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are physiology; physics; elocution; rhetoric; English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The Piano.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.—This department is intended for students beginning piano and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, 1st part, Köhler's Practical Piano School or Jacques Schmidt's Erster Lehrmeister is used. Also studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn op. '65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore Year. Heller op. 45 and 46; Czerny op. 740, Books I and II; Bach 2 Voiced Inventions; Loeschhorn op. 38; Köhler's Arpeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Muzurka's and Nocturnes together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky and other modern composers.

Junior Year. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, Books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos

by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, Daily Studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners, the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as: Melodien Sammlung by H. Urban, etc.; Selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by Part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jaques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student: Dussek's Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of the Organ, the student will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used supplemented with compositions of the German, French and English Schools.

An excellent pipe Organ, built by Johnson & Son, has recently been placed in the University Chapel, upon which instruction is given, thus affording students ample opportunity for the study of this instrument.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panofka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which every student may be called upon to perform at least once each term. Critical remarks are made by the

Professors, upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of Music, embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in Classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue are used. Instruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

History of Music.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

Euterpe Society.

The students of music have organized a "Euterpe Society," which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read and musical selections are rendered by the members.

Professional Concerts.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

Teaching.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience, under the supervision of the Faculty.

Calendar.

1886—

January	4,	*Monday*, Winter Term begins.
"	28,	*Thursday*, Day of Prayer for Colleges.
February	2,	*Tuesday*, 8 P. M., Senior Orations.
"	9,	" First Term of the College of Medicine ends.
"	10,	*Wednesday*, Second Term of the College of Medicine begins.
March	2,	*Tuesday*, 8 P. M., Senior Orations.
"	25, 26,	*Thursday*, *Friday*, Suplementary Examinations.
"	29–31,	*Monday*—*Wednesday*, Term Examinations.
April	6,	*Tuesday*, Spring Term begins.
May	1,	*Saturday*, Seniors present their Commencement Orations.
June	9–11,	*Wednesday*—*Friday*, Final Examination of Seniors.
"	10,	*Thursday*, Second Term of the College of Medicine ends.
"	11,	*Friday*, Senior Vacation begins.
"	14, 15,	*Monday*, *Tuesday*, Supplementary Examinations.
"	16–18,	*Wednesday*—*Friday*, Term Examinations.
"	17,	*Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
"	19,	*Saturday*, 10 A. M., Annual Meeting of the "Faculty of the University."

June 20, *Sunday*, 10½ A. M., Baccalaureate Sermon.
" 21–23, *Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.

1886—
June 21, *Monday*, 9 A. M., Entrance Examinations—Latin.
2 P. M., Class Day Exercises.
8 P. M., Annual Musical Soirée.
" 22, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.
" 22, *Tuesday*, 10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
2 P. M., Entrance Examinations—Greek.
7½ P. M., Literary Meeting of Alumni Association in the Chapel.
" 23, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar and Modern Geography.
2 P. M., Fifteenth Annual COMMENCEMENT.
" 24, *Thursday*, 9 A. M., Entrance Examinations—Natural Philosophy.
10½ A. M., Entrance Examinations—United States History.
Summer Vacation begins.
September 13–15, *Monday—Wednesday*, Entrance Examinations in the same order as in June.
" 16, *Thursday*, Fall Term begins. Students assemble in Chapel at 9:30 A. M.
October 5, *Tuesday*, First term of the College of Medicine begins.
" 28, 29, *Thursday*, *Friday*, Examinations for Rank.

November	9,	*Tuesday*, 8 P. M., Senior Orations.
"	25–27,	*Thursday—Saturday*, Thanksgiving Recess,
December	7,	*Tuesday*, Senior Orations.
"	13, 14,	*Monday*, *Tuesday*, Supplementary Examinations.
"	15–17,	*Wednesday—Friday*, Term Examinations.
"	17,	*Friday*, Fall Term ends. Holiday Recess begins.
1887—		
January	3,	*Monday*, Winter Term begins.
"	27,	*Thursday*, Day of Prayer for Colleges.
February	1,	*Tuesday*, 8 P. M., Senior Orations.
"	'8,	*Tuesday*, First Term of the College of Medicine ends.
"	9,	*Wednesday*, Second Term of the College of Medicine begins.
March	1,	*Tuesday*, 8 P. M., Senior Orations.
"	24–25,	*Thursday*, *Friday*, Supplementary Examinations.
"	28–30,	*Monday*, *Wednesday*, Term Examinations.
April	5,	*Tuesday*, Spring Term begins.

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SIXTEENTH

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REV. CHARLES N. SIMS, D. D., LL.D., CHANCELLOR,
Professor of English Literature

JOHN R. FRENCH, LL.D., DEAN,
Gardner Baker Professor of Mathematics.

REV. W. P. CODDINGTON, D.D.,
William Penn Abbott Professor of Greek and Ethics.

REV. JOHN J. BROWN, LL.D.,
Professor of Chemistry and Physics.

GEORGE F. COMFORT, A.M.,
Professor of Modern Languages and Esthetics.

FRANK SMALLEY, A.M.,
Professor of the Latin Language and Literature.

REV. CHARLES J. LITTLE, LL.D.,
Professor of History and Logic.

J. SCOTT CLARK, A.M.,
Professor of Rhetoric, English Criticism and Elocution.

LUCIEN M. UNDERWOOD, PH. D.,
Professor of Geology, Botany and Zoology.

JOSEPH T. FISCHER, B.PH.
Instructor in Mathematics and Modern Languages.

FREDERICK A. COOK, PH. D.,
Instructor in Latin.

JOHN R. FRENCH,
Secretary of the Faculty.

REV. W. P. CODDINGTON,
Librarian.

REV. JOHN J. BROWN,
College Pastor.

FRANK SMALLEY,
Receiver of College Dues.

L. M. UNDERWOOD,
Curator of the Museum.

STUDENTS.

POST-GRADUATES.

(CANDIDATES FOR PH. D.)

George E. Ackerman, A. M., M. D.,	Warsaw, N. Y.
Wilbur W. Alden, M. S.,	Patterson, N. J.
Elmer V. Aldridge, A. M..	Hoboken, N. J.
George W. Andrews, A. B.,	Dalton, Mass.
Amos A. Arthur, A. B.,	Churchtown, Pa.
Francis H. Beck, A. B.,	Du Bois, Pa.
Charles C. Brill, A. M.,	Ilion, N. Y.
Robert Burns, Ph. B.,	Washington, Ont.
William H. Butts, A. M.,	Orchard Lake, Mich.
William P. Cantwell, Jr., A. B.,	Malone, N. Y.
Gustav A. Carstensen, A. M.,	Erie, Pa.
David W. Dennis,	Richmond, Ind.
Charles R. Dryer, A. M., M. D.,	Fort Wayne, Ind.
Oscar L. Fisher, A. M.,	Denver, Col.
William R. Granger, A. B.,	Philadelphia, Pa.
Walter G. Hendrixson, B. S.,	Yellow Springs, O.
Ray G. Huling, A. M.,	Fitchburg, Mass.
William Jones, A. B.,	Berlin Heights, O.
Matthias S. Kaufman, A. M.,	Fall River, Mass.
John D. Kennedy, A. B.,	Philmont, N. Y.
Carl R. Krone, B. Ph.,	Lincoln, Ill
Benjamin F. Liepsner, A. M.,	Philadelphia, Pa.
Benjamin B. Loomis, A. B.,	Albany, N. Y.
David T. Mac Clymont, A. M.,	Williamsport, Pa.

Archibald Mac Dougall, B. Ph.,	St. Andrews, N. B.
Edgar S. Maclay, A. B.,	New York, N. Y.
Sara M. Maxson, M. Ph.,	Syracuse, N. Y.
Clinton D. McDonald, A. M., B. D.,	Thorold, Ont.
James C. Nicholson, A. B.,	Lavender Hill, Md.
Mason W. Pressley, A. B.,	Chester, S. C.
Cyrus A. Price, A. M, M. D.,	Chicago, Ill.
Jacob E. Price, A. B.,	Scranton, Pa.
Lewis F. Reid, A. M.,	Lakeville, Conn.
Henry S. Rowe, A. B.,	Galway, N. Y.
James Sifton, A. B.,	Oxford Centre, Ont.
Leo A. Stäger, B. Ph.,	St. Louis, Mo.
George E. Stockwell, A. M.,	Salem, N. Y.
Henry L. Taylor, A. M.,	Chittenango, N. Y.
Joseph R. Taylor, A. B.,	Hamlin, Minn.
Zachary P. Taylor, A. M.,	Rochester, N. Y.
Flavel S. Thomas, A. M., M. D.,	Hanson, Mass
Thomas G. Thomson, A. B.,	Granville, N. Y.
Charles W. Thornton, A. B.,	Mendota, Ill.
Robert B. Warder, A. M.,	Lafayette, Ind.
Norval Wardrop, M. Ap. Sc.,	Detroit, Mich.
Elliott Sansom White, A. B.,	Beallsville, Pa.
William C. Wilbor, A. B.,	Le Roy, N. Y.
David Winters, B. S.,	Williamsport, Pa.

SENIOR CLASS.

			City Address.
Mary Dianthe Allis,	c.	*Syracuse*,	Court cor. 2d North
Lizzie Sarah Bridgeford,	c.	*Syracuse*,	18 3d North
George Griswold Brower,	s.	*Taberg*,	Comstock ave. c. Msh
Margaret Ellen Caldwell,	l. s.	*Bradford, Pa.*,	156 Harrison
Mary Lovina Collins,	c.	*Lyons*,	725 Irving
Ambrose Charles Driscoll,	l. s.	*Syracuse*,	86 Noxon
Walter Samuel Eaton,	c.	*White Creek*,	136 Harrison

NOTE—The letter c. indicates the Classical Course; l. s , the Latin-Scientific; g. s., the Greek-Scientific; s., the Scientific, and c. e , the Civil Engineering Course.

			City Address.
Ezra George Eldredge,	c.	*Macedon Centre*,	229 E. Gen'ee
Charles William Herman,	c.	*Fairville*,	9 Marshall
Franklin James Holzwarth,	c.	*Manlius Station*,	26 Gazelle
De Witt Spink Hooker,	c.	*Syracuse*,	151 Harrison
Charles Xerxes Hutchinson,	c.	*Le Raysville, Pa.*,	136 Harris'n
George Washington Kennedy,	c.	*Wells*,	636 Irving
Grace Bell Latimer,	s.	*Weedsport*,	University Place
Eliza Leyden,	l. s.	*Danforth*,	316 Mulberry
Josiah Hollister Lynch,	c.	*Norwich*,	636 Irving
William Augustus Mehan,	c.	*Mechanicsville*,	26 Gazelle
Frank Wilbur Merrick,	c.	*Steuben*,	Com'k ave. c. Marsh'l
Howard Dixon Mitchell,	c. e.	*Hot Springs, Ark.*,	11 Marsh'l
Rose Edgerlie Pindar,	c.	*Lima*,	University Place
Emmons Harvey Sanford,	c.	*Oneonta*,	741 Chestnut
Carrie Elizabeth Sawyer,	c.	*Syracuse*,	98 University ave
Hamilton Terry,	c.	*Perry City*,	3 Marshall
Jennie DeRemer Thorburn,	l. s.	*Marcellus*,	University Place
Phil. Ernest Turtelot,	l. s.	*Herkimer*,	25 Gazelle

JUNIOR CLASS.

George Irving Abbott,	c.	*Hannibal Center*,	Mad. c. Ch'y
Mary Ethel Abbott,	c.	*Syracuse*,	Madison cor. Cherry
Frank Giles Banister,	c.	*Watertown*,	210 Madison
James Parker Becker,	s.	*Syracuse*,	10 Gifford
William Edward Blair,	s.	*Wellsboro, Pa.*,	317 Irving
John Sidney Bovingdon,	c.	*Towanda, Pa.*,	615 Chestnut
Mary Frances Call,	l. s.	*Potsdam*,	University Place
Arthur Carey Connelly,	c.	*Kingston*,	35 University ave
Milton Joseph Fletcher,	c.	*East Guilford*,	210 Madison
Elizabeth Louisa Foote,	c.	*Chittenango*,	156 Harrison
William Young Foote,	c.	*Chittenango*,	156 Harrison
Nettie Gertrude Fuller,	c.	*Carthage*,	725 Irving
Cora Adella Harrington,	c.	*Syracuse*,	Kellogg
Herbert Harry Hawkins,	l. s.	Potsdam,	35 University ave
Arthur Cyrus Howe.	c.	*Saratoga Springs*,	422 Chestn't
Newel Eugene Hulbert,	c.	*Thompson, O.*,	182 Adams
Elmer L. Kinyon,	s.	*Syracuse*,	375 Spring

			City Address.
Fred De Land Leete,	c.	*Homer*,	613 Irving
George Holmes Maxwell,	c.	*Marion*,	Irving cor. Croton
Mary Brown Moore,	s.	*Weedsport*,	617 Irving
John Herman Murray,	s.	*Hastings*,	300 East Genesee
William Smith Murray,	s.	*Hastings*,	202 Madison
Lyman Crandall Pierce,	c.	*Wolcott*,	94 East Jefferson
Eva Delia C. Potter,	s.	*Webster*,	129 Harrison
Wesley Amos Pratt,	c.	*Manchester, Ia.*,	179 Adams
Howard Lincoln Rixon,	c.	*Canastota*,	613 Irving
Harry Grant Rowland,	l. s.	*Wellsboro, Pa.*,	317 Irving
Garry Van Sackett,	s.	*Geneva*,	422 Chestnut
Morgan Rich Sanford,	s.	*Hedgesville*,	533 Chestnut
Wm. G. Washington Schmidt,	c.	*Mankato, Minn.*,	26 Gazelle
Frank Justus Schnauber,	c. e.	*Syracuse*,	101 South West
Eva Garnsey Seaman,	c.	*Schenectady*,	766 Chestnut
Fanny Virginia Sprole,	s.	*Syracuse*,	96 Court
William P. Westfall,	l. s.	*Geddes*,	Geddes
Frank Edwin Young,	s.	*Liverpool*,	176 Adams

SOPHOMORE CLASS.

Allen Eli Atwater,	c.	*Throopsville*,	12 Gazelle
Wesley Hamilton Benham,	c.	*Syracuse*,	6 Salmon Block
Byron Briggs Brackett,	c.	*Hannibal*,	615 Chestnut
Horace William Britcher,	c. e.	*Syracuse*,	135 South West
William Mair Brooks,	c.	*Stillwater*,	422 Chestnut
Mary Elizabeth Burdick,	c.	*Crown Point*,	643 Irving
William Clark Burdick,	c.	*Crown Point*,	Ostrom ave
Fred Newell Burritt,	s.	*Weedsport*,	31 Univ. Place
Levi Snell Chapman,	c.	*Fayetteville*,	620 Chestnut
George William Church,	c.	*Central Square*,	518 Irving
Stephen Stillman Cobb,	c.	*Mexico*,	33 University ave
Everett Clayton Countryman,	s.	*Springville*,	620 Chestnut
Katharine A. Crawford,	l. s.	*Georgetown, Fla.*,	15 Shonnard
William Bowers Crowley,	c.	*Syracuse*,	104 Midland ave
Frances Lusina Drake,	c.	*Syracuse*,	8 Slocum ave
Ernest Isaac Edgcomb,	c.	*Cortland*,	33 University ave
Frank James Farrington, Jr.,	c.	*La Fayette*,	216 East Fayette

			City Address.
Fayette Warren Fitch,	l. s.	*Lowville*,	529 Irving
Charles Ernest Fry,	g. s.	*Gloversville*,	247 East Genesee
Joseph Lincoln Gillard,	c.	*Fairville*,	9 Marshall
Edward Emory Hill,	c.	*Fulton*,	29 Slocum ave
Charles Frank Hitchcock,	l. s.	*Warners*,	620 Chestnut
Lyman Potter Hitchcock,	l. s.	*Warners*,	620 Chestnut
Jenny A. Johnson,	s.	*Phelps*,	613 Irving
John Daniel Keefe,	c.	*Oswego*,	286 Burnet ave
Harry Sanford Klock,	l. s.	*Oneida*,	35 University ave
Edwin Clark Mason,	c.	*Union Springs*,	8 Geddes
Jessie Eugenia McClelland,	s.	*Bloomington, Ind.*,	Univ. Place
Arthur Durand McGerald,	l. s.	*Lancaster*,	422 Chestnut
Nellie Gray McIntyre,	c.	*Batavia*,	725 Irving
William Howard McKenzie,	c.	*Newark, N. J.*,	636 Irving
Mary J. O'Bryon,	l. s.	*Elmira*,	21 Gazelle
George Byron Out,	c. e.	*Syracuse*,	12 Grace
Walter Merton Peirce,	c.	*Buffalo*,	422 Chestnut
Peter Frederick Piper,	s.	*Herkimer*,	216 East Fayette
Charles Seabury Robertson,	c.	*Galway*,	615 Chestnut
John Brownell Rogers,	c.	*Fleming*,	620 Chestnut
Lowell Lincoln Rogers,	c.	*Fleming*,	620 Chestnut
Edwin Merritt Sanford,	l. s.	*Hedgesville*,	533 Chestnut
Henry Orrin Sibley,	c.	*Royalton*,	182 Adams
Anna Hemans Smith,	c.	*Collamer*,	745 Chestnut
Anna Pomeroy Terry,	c.	*Syracuse*,	214 East Genesee
Martin Henry Walrath,	c.	*St. Lawrence*,	422 Chestnut
Charles Lorenzo Walsworth,	c.	*Sing Sing*,	210 Madison
Noble Earl Whitford,	c.	*Syracuse*,	2½ Slocum ave
Nellie Maroa Wilmot,	c.	*Carthage*,	169 Madison
Nettie Lydia Wilmot,	c.	*Carthage*,	169 Madison
Gordon Almond Wright,	c. e.	*Massena*,	229 East Genesee
Lovina Anna Ziegler,	s.	*Palmyra*,	University Place

FRESHMAN CLASS.

Lucy Sophia Bainbridge,	c.	*Syracuse*,	160 Centre
James Lynn Barnard,	s.	*Cooperstown*,	247 Madison
Charles Howland Bassett,	c.	*Ansonia, Conn.*,	

		City Address.
Theqdore Orville Beebe,	c.	*Cutchogue, L. I.*, 610 Chestnut
Frank Lincoln Boothby,	s.	*Phœnix*, 317 Irving
Cora Ann Brackett,	c.	*Hannibal*, 4 Salmon Block
M. Louise Brownell,	l. s.	*Schenectady*, University Place
Menzo Burlingame,	l s.	*East Springfield*, 229 E. Gene
George Frederick Burt,	c. e.	*Syracuse*, 202 East Genesee
Hiram Lincoln Church,	c.	*Central Square*, 518 Irving
James Simpson Clark,	c.	*Seward*, 223 East Genesee
Henry Homer Cole,	l. s.	*Mexico*,
Ida May Cooley,	l. s.	*Syracuse*, 19 East Castle
John C. Culligan,	c.	*Ithaca*, 26 Gazelle
Theophilus Devitt,	c.	*Watkins*, 3 Marshall
Stella Jennie Dodge,	s.	*Middlebury, Vt*, 324 Irving
Charles Winfred Douglas,	c.	*Oswego*,
William Henry Edwards,	c.	*Troy*, 223 East ave
Martin Luther Estey,	g. s.	*Palmyra*, 9 Marshall
Seymour Coe Ferris,	c.	*East Worcester*, 630 Chestnut
Frederick Vining Fisher,	c.	*Brooklyn*, 610 Chestnut
Lena C. Hammond,	s.	*Port Jervis*, 136 Harrison
Edwin Marble Hasbrouck,	s.	*Syracuse*, Comstock ave c. Msh
Maryetha Hunter,	s.	*Corning*, 121 University ave
William A. Jenner,	c.	*Clyde*, 120 University ave
Van Evrie Kilpatrick,	c.	*Waverly, Pa.*,
Harris Israel Levy,	l. s.	*Syracuse*, 95 Orange
Frank Joseph Marion,	c.	*Syracuse*, 622 Irving
Elam Edward Marsh,	c.	*Fort Ann*, 228 Madison
Minnie Adell Mason,	c.	*Geneseo*, 232 Madison
Thomas Noah Merriam,	l. s.	*Chattanooga, Tenn.*, 605 Chest
Ancil Daniel Mills, Jr.,	c.	*East Elba*, 120 University ave
Edward J. Moore,	s.	*Syracuse*, 129 West Genesee
James Smith Morey,	s.	*Wyckoff, N. J.*, 182 Adams
Francis Elliot Oliver,	l. s.	*Syracuse*, 102 University ave
William Edward Palmer,	c.	*Matamoras, Pa.*, 610 Chestnut
Newton Ralph Peckham,	l. s.	*Memphis*, 210 East Fayette
Prescott Dudley Perkins,	c.	*Little Falls*, 529 Irving
Nellie King Reilay,	l. s.	*Syracuse*, 295 East Washington
Frank Mead Rooney,	s.	*Bernardsville, N. J.*, 529 Irv'g

			City Address.
James Edwin Rounsville,	l. s.	*Coudersport*,	
Isaac Schwartz,	c. e.	*Syracuse*,	116 Burnet
Eliza Newman Sims,	l. s.	*Syracuse*,	120 University ave
Anna Grace Skinner,	l. s.	*Mexico*,	727 Irving
Ray B. Smith,	c.	*Lincklaen*,	630 Chestnut
Jay Wilbur Somerville,	c.	*Johnsburgh*,	223 East Genesee
George Keiser Statham,	l. s.	*North Fork, Pa.*,	529 Irving
Julia Ward Stephens,	c.	*Syracuse*,	138 East Fayette
Herman Wells Tamkin,	c. e.	*Syracuse*,	8 West Jefferson
Fannie Louise Thomas,	l. s.	*Mexico*,	727 Irving
Caroline Olga Wandell,	s.	*Phœnix*,	425 Chestnut
Charles Grant Weaver,	s.	*Elmira*,	33 University ave
Oscar Rogers Whitford,	c.	*Syracuse*,	2½ Slocum ave
Abbott Yates Wilcox,	c.	*Clifford*,	610 Chestnut
Rounsville Wildman,	s.	*Chicago, Ill.*,	59 University ave

UNCLASSIFIED.

Ella Jennie Angell,		*Binghamton*,	232 Madison
Harriette Bernhard Clapp,		*Fulton*,	33 University Place
George F. Cole,	s.	*Peekskill*,	
Emma Minerva Connell,		*Fulton*,	26 West Castle
William Ward Damon,	l. s.	*Trumansburg*,	100 E. Genesee
Florence May Davis,	l. s.	*Syracuse*,	127 University ave
Minnie Davis,		*Syracuse*,	Madison
May E. Duncan,	l. s.	*Syracuse*,	17 Seymour
Horace Milton Ford,	l. s.	*Fairfield*,	630 Chestnut
Kate Louise Fry,		*Syracuse*,	140 West Genesee
Charles Lincoln Hall,	c.	*Clifton Park*,	228 Madison
Benedict Robinson Hatmaker,	s.	*Troy, Pa.*,	3 Marshall
Anna C. Johnson,		*Memphis, Tenn.*,	127 Univ. ave
Samuel Seymour Phelps,		*Hannibal*,	286 Grape
Harriet Travis Sanford,	l. s.	*Middletown*,	621 Chestnut
Lewis Beatrice Sims,		*Delphi, Ind.*,	120 Univ. ave
Mary Smith,		*Syracuse*,	232 Madison
Cora Stranahan,		*Oswego Falls*,	

Judson L. Transue, c. *Liverpool*,
Seward N. Transue, c. *Liverpool*,
Jennie Louisa Whitbread, g. s. *De Witt*,

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

FREDERICK HYDE, M. D., DEAN,
Professor of Principles and Practice of Surgery.

HENRY D. DIDAMA, M. D.,
Professor of Principles and Practice of Medicine and Clinical Medicine.

NELSON NIVISON, M. D.,
Professor of Physiology.

WM. T. PLANT, M. D., REGISTRAR,
Professor of Pediatrics.

ALFRED MERCER, M. D., TREASURER,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M. D.,
Professor of Operative and Clinical Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WILLIAM H. DUNLAP, M. D.,
Professor of Materia Medica and Therapeutics.

JOHN L. HEFFRON, M. D.,
Professor of Histology.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D.,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Lecturer on Clinical Surgery.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

WILLIAM H. MILLS, M. D., LIBRARIAN,
Director of the Anatomical Laboratory.

AARON B. MILLER, M. D.,
Instructor in Gynecology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

REUBEN C. HANCHETT, M. D.,
Instructor in Physiology.

NATHAN JACOBSON, M. D.,
Instructor in Surgery.

GEORGE R. KINNE, M. D.,
Instructor in Materia Medica and Therapeutics.

ARTHUR B. BREESE, M. D., CURATOR,
Instructor in Practice of Medicine.

FRANK W. MARLOW, M. D.,
Instructor in Opthalmology and Otology.

CENSORS.

S. M. HIGGINS, M. D., Memphis.
JOHN GERIN, M. D., Auburn.
J. N. ARNOLD, M. D., Clyde.

STUDENTS.

SENIOR CLASS.

		City Address.
Edwin S. Butterfield, A. B.,	*Syracuse,*	32 East Fayette
Ernest N. Christopher,	*Whitney's Point,*	99 E. Washington
William A. Curtin,	*Syracuse,*	146 Adams
Charles E. Doubleday,	*Penn Yan,*	610 Chestnut
Alfred G. Doust,	*Syracuse,*	15 Pioneer
Arthur E. Mink,	*Rochester,*	19 East Castle
Hartman L. Oberlander,	*Syracuse,*	87½ Butternut
Clara Smith,	*Syracuse,*	29 Holland
William C. Todt,	*Syracuse,*	52 Gifford

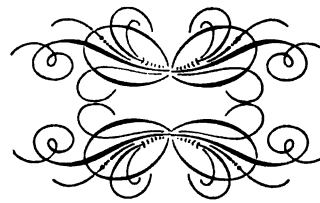
JUNIOR CLASS.

Frank W. Davison,	*Theresa,*	2 Crawford Block
L. Hulbert Fuller,	*Baldwinsville,*	200 West Genesee
Amelia Didama Niven,	*Syracuse,*	112 South Salina
J. Davis Ozmun,	*Midway,*	150 Harrison
Emma A. Runnion,	*Syracuse,*	28 East Onondaga
Robert J. Scott	*Prattsburgh,*	150 Harrison
Nelson A. Sloan,	*Bellona,*	150 Harrison

FRESHMAN CLASS.

Fred. W. Archambo,	*Phoenix,*	622 Irving
Charles E. Boynton,	*Syracuse,*	James
Patrick J. Cody,	*Geddes,*	66 4th South
Daniel Connelly, Jr.,	*Catskill,*	150 Harrison

		City Address.
Gertrude De Wolf,	*Lee, Mass.*,	23 Renwick ave
William H. Dower,	*Syracuse*,	205 Grape
E. Granger Fuller,	*Syracuse*,	3 Joy Building
Donald Kellogg,	*Syracuse*,	18 Lock
Edwin C. Livingston,	*Ithaca*,	53 Lemon
Eleanor McAllister,	*Newburgh*,	745 Chestnut
N. Adelbert Monroe,	*Sennett*,	127 East Fayette
Arthur B. Rood,	*South Cortland*,	150 Harrison
James H. Shults,	*Syracuse*,	150 Harrison
Allen M. Smith, A. B.,	*Syracuse*,	29 Holland
H. W. Swift,	*Syracuse*,	31 Fayette Park
Ida G. Tremaine,	*Brooklyn*,	



College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, A. M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SCHULTZE, MUS. D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M. P.,
Professor of Drawing.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

WARD V. RANGER.
Instructor in Photography.

HIRAM S. GUTSELL, A. M., B. P.,
Instructor in Modeling, Etching and Drafting.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting.

STUDENTS.

POST-GRADUATES.

			City Address.
Dora Ann Westfall, B. P.,	p.	*Syracuse,*	352 West Genesee
Helena Canfield Reymon, B.P.,	p.	*Syracuse,*	151 West Genesee

SENIOR CLASS.

Ellen Florence Chamberlayne,	p.	*Olean,*	156 Harrison
Mary Grace Comfort,	p.	*Syracuse,*	Vanderbilt House
Caroline Hill Crawford,	m.	*Syracuse,*	University Place
Kate Cushing,	m.	*Lockport,*	725 Irving
Addie Bliss Marks,	m.	*Peterboro,*	522 Chestnut
Theo Price,	p.	*Mendota, Ill.,*	129 Harrison
Emilie Pughe,	m.	*East Schuyler,*	University Place
Jennie Emma Weller,	m.	*Lafayette,*	617 Irving

JUNIOR CLASS.

Hattie Prior Baldwin,	s. p.	*Friendship,*	648 Chestnut
Charles W. A. Ball,	m.	*Phœnix,*	3 Fayette Block
Conrad Louis Becker,	s. m.	*Newark,*	275 East Genesee
Charlotte Rebecca Brigham,	m.	*Syracuse,*	30 Van Buren
Emma Brigham,	s. m.	*Syracuse,*	88 South Salina
Henry Morton Chase,	s. m.	*Syracuse,*	80 James

The abbreviation p. indicates that the student is taking the regular course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

			City Address.
Arthur Bridgman Clark,	ar.	*East Onondaga.*	
William Grant Egbert,	s. m.	*Syracuse,*	1 Welch Block
Agres Emma Foster,	p.	*Palmyra,*	31 University Place
Minnie Belle Harrington,	p.	*Syracuse,*	180 East Adams
Myrta Leontine Kenaston,	p.	*Syracuse,*	324 Irving
Fanny Lesser,	s. m.	*Syracuse,*	East Jefferson
Hattie Adeline Long,	m.	*Syracuse,*	5 Yates Terrace
Frederick Carr Lyford,	m.	*Fremont, N. H.,*	615 Chestnut
Anna Bingham Packard.	m.	*Syracuse,*	522 Chestnut
Jessie Truesdell Peck,	m.	*Apalachin,*	741 Chestnut
Emma Smith,	s. m.	*Syracuse,*	Empire House
Mary Manuella Stewart,	m.	*Brooklyn,*	65 West Onondaga
Annie Tanner,	m.	*Cortland,*	35 University ave
Helen Mary Wardwell,	m.	*Mannsville,*	644 Irving
Alice Aurelia Webster,	m.	*Apulia,*	647 Irving
Anna Bell Webster,	m.	*Apulia,*	647 Irving
Frank Augustus Welch,	m.	*Syracuse,*	37 Crouse Building
Harriet Noxon Wright,	s.p. s.m.	*Syracuse,*	12 Farmer Block

SOPHOMORE CLASS.

Nellie Alvena Angell,	p., s. m.	*Ilion,*	29 East Onondaga
Lizzie Maria Bickford,	s. p.	*Barton, Vt.,*	324 Irving
Sylvia Hortense Bliss,	s. m.	*East Calais, Vt.,*	227 East ave
Ellen Louise Bryant,	s. m.	*Shekomeko,*	741 Chestnut
Margaret May Clark,	s. m.	*Elbridge,*	85 University ave
Arthur Carey Connelly,	s. m.	*Kingston,*	35 University ave
Fannie May Cowles,	s. m.	*Fayetteville,*	
Mary Amelia Day,	s. p.	*Waterloo,*	29 East Onondaga
Mary Winona Dennis,	m.	*Syracuse,*	210 Madison
Charles Winfred Douglas,	m.	*Oswego,*	610 Chestnut
Florence May Farnham,	p.	*Bradford, Vt.,*	179 E. Adams
Lena Fobes,	s. m.	*Syracuse,*	163 James
William Young Foote,	s. m.	*Chittenango,*	156 Harrison
Marion Eselma Granger,	s. m.	*Syracuse,*	55 Holland
Gates Hamburger,	s. m.	*Syracuse,*	138 East Jefferson
Edith Walton Hamlin,	s. m.	*Honesdale, Pa.,*	631 Irving
Frank Robert Holmes,	s. m.	*Central Square.*	

			City Address.
Celia Jacobs,	s. m.	*Syracuse*,	269 West Genesee
Anna Chapman Johnson,	s. m.	*Memphis, Tenn.*,	127 Univ. ave
Minnie Levy,	s. m.	*Syracuse*,	136 East Jefferson
Mabel Wendell McClelland,	m.	*Crawfordsville, Ind.*,	Uni. Place
Blanche D. McDonnell,	s. m.	*Pulaski.*	University Place
Caroline Eliza Morton,	s. m.	*Hartford, Conn.*	59 Univ. ave
Jane Rosella Posthill,	s. m.	*Syracuse*,	181 Shonnard
Margaret Ann Sexsmith,	s. m.	*Syracuse*,	55 University ave
Minnie May Stone,	m.	*Potsdam*,	University Place
Wellington Watt Taber,	ar.	*Syracuse*,	316 South Salina
Hermann Wells Tamkin,	ar.	*Syracuse*,	8 West Jefferson
Mary Maude Whitney,	s. m.	*Frewsburg*,	741 Chestnut

FRESHMAN CLASS.

Jessie Albro,	m.	*Syracuse*,	80 Hawley
Augusta M. H. Aldridge,	m.	*Trumansburg*,	5 Harlow Block
Ella Jennie Angell,	s. m., s. p.	*Binghamton*,	232 Madison
Emeline Maria Atwell,	s. m., s. p.	*Syracuse*,	10 West Jefferson
Cora Ophelia Barnard,	s. m.	*Cooperstown*,	247 Madison
Minnie Estelle Belshaw,	p.	*Syracuse*,	425 Chestnut
Serene Fosgate Birdsall,	s. m.	*Waterloo*,	66 Almond
Mary Hamilton Brown,	s. m.	*Syracuse*,	173 E. Washington
Sarah Porter Brown,	s. m.	*Syracuse*,	104½ Calhoun
Jessie Alice Burr,	s. p., s. m.	*Boonville*,	648 Chestnut
Nellie Ann Burr,	s. p., s. m.	*Boonville*,	648 Chestnut
Luella Carpenter,	p.	*Syracuse*,	20 Grace
Anna Chase,	s. m.	*Lamson's.*	
Harriet Bernard Clapp,	m.	*Fulton*,	33 University Place
Jessie Ruth Coe,	p.	*Syracuse*,	192 East Genesee
Alma Biona Crans,	s. m.	*Bridgeport.*	
Kate Armistead Crawford,	m.	*Syracuse*,	613 Irving
Alton Eugene Darby,	s. m.	*Homer.*	
Florence May Davis,	s. p.	*Syracuse*,	127 University ave
Lucien Adelbert Davison,	s. p.	*Cigarville*,	395 Carbon
Marie Louise Denison,	s. m.	*Syracuse*,	4 Nicholson Block
Carrie May Dixson,	s. m.	*Syracuse*,	23 University ave
Mary Isabel Dunford,	s. m.	*Syracuse*,	335 Spring

			City Address.
Alice Scott Dunn,	p.	*Syracuse,*	Dunn Park
Clara Belle Dutton,	s. m.	*Cazenovia,*	East Fayette
Lettie Clarissa Farwell,	s. m.	*Franklinville,*	231 Madison
Clara Dorothea Finkbeiner,	s. m.	*Syracuse,*	129 Seymour
Cora AliceFix,	s. m.	*Syracuse,*	6 Pioneer
Elizabeth Francis,	s. m.	*East Springfield,*	500 Irving
Carrie Louise Godfrey,	s. m.	*Syracuse,*	518 Irving
Clara Belle Goodman,	s. m.	*Savanah,*	70 Montgomery
Charlotte Elizabeth Graves,	s. p.	*Syracuse,*	17 Ridgway
Cornelia Comstock Green,	s. p.	*Syracuse,*	81 James
Mary Almeda Griswold,	s. m.	*Rose,*	643 Irving
Mark Augustus Haley,	p.	*Syracuse,*	133 Mulberry
Gertrude Miranda Hamlin,	s. m.	*Hamlinton, Pa.,*	631 Irving
Alice Marie Hartt,	s. p.	*Rose,*	643 Irving
Edwin M. Hasbrouck,	s. p., s. m.	*Syracuse,*	158 South Salina
Benedict R. Hatmaker,	s. m.	*Troy, Pa.,*	3 Marshall
Sarah Mildred Hawley,	p.	*Syracuse,*	53 East Onondaga
Lena Marion Hensel,	s. m.	*Syracuse,*	Park and Highland
Emma Amelia Hermans,	s. p.	*Bellona,*	643 Irving
Catharine Isadore Hewitt,	s. m.	*New Haven.*	
Mary Grace Hill,	s. p., s. m.	*Syracuse,*	55 East avenue
Harriet Jacobson,	s. p., s. m.	*Syracuse,*	60 Cedar
Carrie Pauline Jennings,	s. m.	*Fulton,*	23 University ave
Ruth Kellogg Kingsley,	p., s. m.	*Syracuse,*	317 North Salina
Nellie Louisa Klock,	s. p.	*Syracuse,*	47 Chestnut
Anna Marie Lang,	s. m.	*Syracuse,*	74 Catherine
Ella Dunham Lawrence,	s. m.	*Cleveland, O.,*	23 Univ. ave
Anna Elizabeth Leonard,	p.	*Syracuse,*	230 Madison
Mary Anna Mattison,	s. m., s. p.	*Tyre,*	422 Chestnut
Jessie Eugenia McClelland,	m.	*Crawfordsville, Ind.,*	Uni. Place
Cora Emily Miller,	s. m., s. p.	*Fulton,*	48 Johnson
Louise Mitchell,	s. m.	*Weedsport.*	
Olin Crawford Moorhead,	s. m.	*Syracuse,*	631 Irving
Nellie Spellman Morgan,	m.	*Syracuse,*	2 Frazer Block
Susan Dee Muncey,	s. p., s. m.	*Baltimore, Md.,*	Vand't House
Jennie Munro,	s. m.	*Philadelphia,*	21 Gazelle
Mima Munro,	s. m.	*Antwerp,*	21 Gazelle

		City Address.
Blanche G. O'Connor, p., s. m.	*Syracuse,*	155 East Genesee
Bertha Grace Oviatt, p.	*Cleveland, O.*	23 Univ. ave
Estelle Gertrude Platt, s. m.	*Tivoli-on-the-Hudson,*	522 Ch't
Jennie Rosella Posthill, s. m.	*Syracuse,*	181 Shonnard
Anna Ezoa Presley, p., s. m.	*Syracuse,*	26 East Onondaga
Mary Luella Robinson, s.m., s. p.	*Clyde,*	324 Irving
Mary Mereness Sandhovel, s. p.	*Mexico,*	622 Irving
Mary Frances Shorey, s. m.	*Syracuse,*	2½ Union
William John Sloan, ar.	*Syracuse,*	5 Greenway Place
Evangeline Smith, s. p.	*Syracuse,*	103 South Geddes
Mary Amelia Smith, p.	*Syracuse,*	232 Madison
Belle Swarthout Snow, s. p.	*Syracuse,*	167 East Genesee
Fanny Virginia Sprole, s. m.	*Syracuse,*	96 Court
Blanche Stevens, m.	*Syracuse,*	143 East Genesee
Helen Jane Thomson, s. p.	*Fayetteville,*	741 Chestnut
Edward Allen Thurber, s. m.	*Syracuse,*	434 Chestnut
Samuel Wood Thurber, s. m.	*Syracuse,*	434 Chestnut
Jennie DeRemer Thorburn, s. m.	*Marcellus,*	613 Irving
Grace Evangeline Townsend, m.	*Syracuse,*	617 Irving
Helen Pauline Tuller, s. m.	*Syracuse,*	42 Montgomery
Lida Catherine Wagner, s. m.	*Franklinville,*	231 Madison
Wilhelmina F. Walch, s. m.	*Syracuse,*	68 West Onondaga
Genette Wandell, p.	*Phœnix,*	425 Chestnut
Kittie Cronkhite Wood, m.	*North Urbana,*	26 Renwick ave
Florence Anne Wright, p., s. m.	*Syracuse,*	12 Farmer Block

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

Alanson Anderson,	*Marcellus.*	
James Lynn Barnard,	*Cooperstown,*	247 Madison
Theodore Orville Beebe,	*Cutchogue,*	610 Chestnut
Clara Marcia Bliss,	*Peterboro,*	522 Chestnut
Maude Estelle Brown.	*Syracuse,*	629 Irving
Menzo Burlingame,	*East Springfield,*	229 E. Genesee
George Fletcher Chandler,	*Syracuse,*	182 East Adams

		City Address.
William Crofut,	*Syracuse,*	139 Wilson
Arthur Wellington Cullings,	*Cigarville,*	4 Granger Place
Minnie Elizabeth Curtis,	*Syracnse,*	9 Cedar
Minnie Davis,	*Syracuze,*	47 Green
Caroline Isabella Fowler,	*Albany,*	42 Montgomery
Anna Louise Gerber,	*Syracuse,*	98 East Washington
Marion Eselma Granger,	*Syracuse,*	55 Holland
Edward Howe,	*Syracuse,*	142 East Jefferson
Arthur Sullivan Hoyt,	*Mallory,*	66 Renwick ave
May Gertrude Leete,	*Syracuse,*	613 Irving
Margaret Irma Little,	*Syracuse,*	121 University ave
Hattie Lathrop Marsh,	*Syracuse,*	420 Chestnut
Jessie Edith Marsh,	*Syracuse,*	11 University ave
Hattie Estelle Mason,	*Syracuse,*	81 University ave
Mary Alice Mason,	*Syracuse,*	640 Irving
Harriett Glenn Mattison,	*Caughdenoy.*	
Jessie McCord,	*Liverpool.*	
Genevieve Ostrander,	*Mohawk,*	35 University ave
Maria Persons Parsons,	*New Centerville.*	
Frances Electa Phillips,	*Syracuse,*	312 South Salina
Grace Dwight Potter,	*Syracuse,*	86 West Onondaga
Lena Minnie Roe,	*Brockton.*	
Marcus Alexander Rolfe,	*Oneida,*	228 Madison
Delia Marcia Stout,	*Virgil,*	19 Mulberry
Violet Martha Telfer,	*Syracuse,*	620 Chestnut
Mabel Doll White,	*Syracuse,*	115 Cedar
Henry Whitman,	*Syracuse,*	11 Crouse Block
Gordon Almond Wright,	*Massena,*	229 East Genesee
Henry Wright,	*South Onondaga.*	
Flora Belle Yates,	*Syracuse,*	107 South Salina
Alice Cordelia Young,	*Syracuse,*	170 Madison

SUMMARY OF STUDENTS.

COLLEGE OF LIBERAL ARTS.

Post-Graduate Students,		48
Senior Class,	25	
Junior Class,	35	
Sophomore Class,	49	
Freshman Class,	55	
Unclassified,	21	—185

COLLEGE OF MEDICINE.

Senior Class,	9	
Junior Class,	7	
Freshman Class,	16	— 32

COLLEGE OF FINE ARTS.

Post-Graduate Students,	2	
Senior Class,	8	
Junior Class,	24	
Sophomore Class,	29	
Freshman Class,	85	—148
Gymnasial Students in Music,		38
		451
Names repeated,		14
Total,		437

Degrees Conferred by the University

IN 1886.

Doctor of Laws.

Prof. William North Rice, - - - Middletown, Conn.

Doctor of Divinity.

Rev. Charles H. Dunton, - - - - Poultney, Vt.
Rev. Napthali Luccock, - - - - Meadville, Pa.
Rev. Charles C. Creegan, - - - - Syracuse, N. Y.

Doctor of Philosophy.

[Conferred only upon examination.]

Rev. Augustine Broadway, A. M., Cardiff, N. Y., - Christian Evidences.
Prof. Gilbert R. Hammond, A. M., Yellow Springs, O., - Latin
Rev. Charles P. Luce, A. M., Cuba, N. Y., - - Christian Evidences.
Prof. Eugene W. Manning, A. M., Syracuse, N. Y., Modern Languages.
Rev. Frank L. McCoy, A. M., Mason, Mich., - Christian Evidences.
Prof. William N. Mumper, A. M., Oshkosh, Wis., - Physical Science.
Rev. Charles F. Sitterly, A. M., Syracuse, N. Y., - English Literature.
Rev. Ezra S. Tipple, A. M., Camden, N. Y., - English Literature.
Rev. George R. Watson, A. M., Roanoke, Va., - English Literature.

Master of Arts.

Charles C. Brill, - - - *on examination* in Chemistry.
Jacob E. Price, - - - " in Physical Science.
Theodore E. Hancock, *in cursu.* William O. Mann, *in cursu.*
Henry N. Marvin, " Edwin S. Maxson, "
Clinton D. McDonald, " Duncan M. Schell, "
Charles M. Turton, " George E. Zartman, "
William E. Thompson, *ad eundem.*

Master of Philosophy.

Sara M. Maxson, - *on examination* in Esthetics and Art History.
Minnie E Curtiss, *in cursu.* Edward S. Hunt, *in cursu.*
Robert H. Gere, *in cursu.*

Master of Science.

Flavel Shurtleff Thomas, *in cursu.*

Master of Painting.

Robert Frank Dallas, *on examination.*

Bachelor of Arts.

William Groo Atwell,
Grace Wilcox Bramley,
Hattie Matilda Cobb,
Preston Ranney Crowell,
Milton Newberry Frantz,
Charles Elbert Hamilton,
John Albertson Ingham,
Clarence Adelbert Lonergon,
George Washington May,
Wilfred Wickliffe Porter,
Olney Albee Retan,
Hiram Ralph Shoemaker,
Karl Swartz,
William Abbott Wilson,
Bertha Mannering Bannister,
Joseph Gilbert Cleveland,
Herbert Guibord Coddington,
Henry Dana Fearon,
Wilhelmine Hagerman,
William La Fayette Harris,
Henrietta Marie Kittell,
Edgar Stanton Maclay,
Ella Perry,
Frederick Beman Price,
David Hall Rice,
Samuel David Solomon,
George Priest Wadsworth,
William Chambers Wilbor.

Bachelor of Philosophy.

Alanson D. Bartholomew,
Kate Isabel Gardner,
Mary Ada Fuller,
Fred Thomas Keeney,
Genevieve Ostrander.

Bachelor of Science.

David Winters.

Bachelor of Civil Engineering.

Daniel Frederick Young,
Saturnino Ferreira da Veiga.

Doctor of Medicine.

William B. Breed, B. S.,
Mary E. Carleton,
Frank C. Drake,
Edwin S. Maxson, A. B.,
George M. Price,
William B. Coats,
Emory A. Didama,
James F. Michel,
Henry H. Pease, B. Ph.,
Fred W. Sears,
Whiting S. Worden, A. B.

Bachelor of Painting.

Sara Miranda Maxson,
Mary Edith Orr,
Eugene Cecil Olcott,
Elmer Joseph Read,
Martha L. Blaine White.

Bachelor of Music.

Ella Minerva Pardoe.

Alumni Association.

OFFICERS FOR 1886-87.

PRESIDENT,

E. OLIN KINNE, M. PH., M. D., - - Syracuse.

VICE-PRESIDENT,

CHARLES N. COBB, A. M., - - Palatine Bridge.

SECRETARY AND TREASURER,

REV. CARLTON C. WILBOR, PH. D., - Cortland.

DIRECTORS.

CHARLES N. COBB, EDWIN NOTTINGHAM,
RICHARD E. DAY, WILLIAM NOTTINGHAM,
JAMES M. GILBERT, MRS. WM. NOTTINGHAM,
MANLY S. HARD, FRANK SMALLEY,
OSCAR A. HOUGHTON, LUCIEN M. UNDERWOOD,
E. OLIN KINNE, CARLTON C. WILBOR,
JOSEPH H. ZARTMAN.

General Information.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are:

I. THE COLLEGE OF LIBERAL ARTS.
II. THE COLLEGE OF MEDICINE.
III. THE COLLEGE OF FINE ARTS.

They are all open for the admission of women on the same terms as men.

BUILDINGS AND GROUNDS.

The large and elegant building occupied by the Colleges of Liberal Arts and of Fine Arts stands on a beautiful site, containing fifty acres, within the city limits, and commands a magnificent view of city, lake and surrounding country.

The College of Medicine occupies suitable buildings near the center of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University; but indicates a reciprocity of kind offices. The Students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College at Claverack; Cazenovia Seminary at Cazenovia; Ives Seminary at Antwerp; Onondaga Academy at Onondaga Valley; Yates Union School at Chittenango; and Genesee Wesleyan Seminary at Lima.

LIBRARIES.

The General Library contains about 13,000 carefully selected volumes, and is open daily except Sundays. A Reading Room abundantly supplied with current literature is connected with it. Students are permitted to use both without extra charge.

The Library of the College of Medicine is kept in its building.

MUSEUMS.

The University Museum possesses a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains.
2. An extensive lithologic collection representing all the leading types of rocks.
3. A collection of fossils illustrating especially the palæontology of New York State.
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds.
2. A considerable collection of alcoholic specimens, mostly of Invertebrates.
3. A collection of shells with abundant representation of nearly all molluscan families.
4. A collection of insects.

In Botany a well ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University now receives annually about $21,000 from its invested funds, and $5,000 from Conference Professorships.

The Northern New York, Troy, Wyoming, Genesee, Central New York, and New York Conferences have each undertaken the endowment of a Conference Professorship. Funds are received on annuities of six per cent. payable semi-annually.

The net value of the entire property of the University is about $800,000.

SCHOLARSHIPS.

In February, 1882, the Trustees authorized the establishment of fifty $1,000 perpetual scholarships, in which the University agrees to expend forever the accruing interest in tuition for worthy, needy students. A number of these scholarships have now been established.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Civil Engineering Course, *Bachelor of Civil Engineering;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the "Post-Graduate Courses of Study," published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of

Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

NON-RESIDENT AND SPECIAL STUDENTS.

DEGREES.—Occasionally persons of scholarly pursuits who have not completed a course of study in any college desire, nevertheless, to obtain a degree which may properly represent their attainments. To meet this desire, the appropriate degree is offered to any person not less than twenty-eight years of age who gives evidence on examination of having fully mastered any course of study in the College of Liberal Arts or in the College of Fine Arts. No substitutions which would lessen the required standard will be allowed. The work prescribed must be thoroughly accomplished. Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before Commencement. The charge for such examinations will be the same as for one year's tuition, with the usual matriculation and graduation fees.

CERTIFICATES.—Applications are sometimes received from persons desiring to pursue a course of study without reference to a degree. It has been deemed advisable to furnish to applicants, on correspondence with the Faculty, such courses of study as are suited to the needs and qualifications in each case. This provision, however, is limited to persons not less than twenty-five years of age. The course may be pursued as entirely non-resident or the candidate may present himself at the University and enter such classes as he may be qualified to enter, or make such arrangements for instruction as may suit the convenience of the several professors. Certificates will be given showing the amount and character of the work done. The usual matriculation fee will be required; tuition will be at the usual rates and the fee for a certificate, $5.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5.00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used), are $20.00 per term; to sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, *if it should appear to be necessary, in order to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving college. Fee for graduation $20.00.

In the College of Medicine the charges are: one term $65; a year $100; graduation $25. To students who have fully paid for the first and second years, the fee for the third year is $50.

In the College of Fine Arts the charges are: tuition, $100 a year ($33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20.00.

Term bills must be settled at the opening of each term. Students can be admitted to classes only upon presentation of a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board, with furnished room, can be obtained in the city for

from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week, and others rent rooms and board themselves at a still less expense. Further information may be obtained on application to Prof. J. S. Clark, 127 University avenue.

The managers of the D., L. & W. railroad kindly pass all students of the University over their roads at half rates upon orders from the Dean of the Faculty of the College of Liberal Arts.

College of Liberal Arts.

TERMS.

The next collegiate year begins on Monday, the 19th of September, and the first three days are devoted to examination for entrance. The first term consisting of fourteen weeks, ends on the Friday before Christmas week, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, including a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Course in Civil Engineering special attention is given to mathematics in which a thorough training necessarily precedes and is essential to a good knowledge of engineering. This course is intended to give the student also such instruction in the theory and practice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is somewhat larger.

*CONDITIONS OF ADMISSION.**

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1). English Grammar.—

(2). Geography.—Ancient and Modern, Political and Elements of Physical.

(3). History.—*United States; Roman*, to the end of the third Punic War.

(4). Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, to Quadratic Equations, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent.

(5). Natural Philosophy.—Dr J. Dorman Steele's text book or its equivalent.

(6). Latin.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues*, and six books of the *Æneid*, with special reference to the prosody; Allen and Greenoughs's *Latin Composition*, part first complete.

(7). Greek.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad; Greek Composition*, first twenty exercises of Boise's Greek Lessons.

* Candidates for admission in 1887 may elect the requirements here published, or those given in the Annual of last year.

Regents certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin-Scientific Course are examined in the studies required for the Classical Course, excepting the Greek.

3. Candidates for the Scientific Course are examined in English Grammar, Geography, History, Mathematics and Natural Philosophy, the same as for the Classical Course; and also in one of the Latin authors there required.

4. Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course except Latin; and are also required to have attained such proficiency in drawing as may be acquired by one year's study.

II. To Advance Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. For Unclassified Students.

Students who do not desire to complete any of the regular courses of study, may select such studies and attend such classes as their qualifications permit. They are expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1887 as follows: In *Latin*, Monday, June 20; in *Mathematics* and *Greek*, Tuesday, June 21; in other preparatory studies, Wednesday and Thursday, June 22 and 23. They will also be held in the same order on Monday, Tuesday and Wednesday, September 19, 20, and 21. The examinations will begin on Monday at 9 A. M.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text-books are retained and used.

Freshman Year; Welch's English Literature and Language, Vol. I.

Senior Year; Welch's English Literature and Language, Vol. II.

Senior Year; (Elective); Lectures on Literary Style and Composition, and English and American classics.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar—as the constant reference manual—and Smalley's Latin Analysis—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

Freshman Year: *First term*, Cicero; Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, book I or XXI; Prose Composition; Roman history; and frequent exercise in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; Written translations of Juvenal, and exercises in reading Latin at sight.

Sophomore Year: *Second term*, Horace; Selections from the Odes, Epodes, Satires and Epistles; Roman History complete; Essays on Roman life, customs, dress, buildings, utensils, econ-

omy. etc. Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul: Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, book X and XII: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

SENIOR YEAR: *First term*, (elective) Browne's, also Cruttwell's, with lectures on the origin and development of the Latin Language, and its early records and relics.

GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words.

Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOLOGY and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but

also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Goodwin's Greek Grammar. *Second term*, Demosthenes on the Crown; Goodwin's Grammar; Arnold's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed; Arnold's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Plato's Apology and Crito; Arnold's Greek Prose Composition; Goodwin's Moods and Tenses. *Third term*, Greek Tragedy; Goodwin's Moods and Tenses.

JUNIOR YEAR: *Third term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Literature (elective); *Second term*, Greek Tragedy (elective).

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

GERMAN LANGUAGE; *First year*, Comfort's German Course, First German Reader, and thirty pages of the Larger German Reader; also forty exercises from the Jaynes-Otto German Course; *Second year*, Comfort's large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

FRENCH LANGUAGE; *First year*, Otto's French Grammar, a French Comedy and La Petite Fadette, by George Sand; *Second year*, Demogeot's History of French Literature, and various classic dramas.

ITALIAN LANGUAGE; Fontana's Grammar, Giudici's Italian Literature, and various classic dramas.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's Complete)—Quadratic equations, calculus of radicals, theory of indeterminate co-efficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's).—Construction of equations, production of equations of plane loci, transformation of co-ordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Mechanics*, (Bowser's)—[elective in the classical and Latin Scientific Courses, required in the Scientific Course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy, (Norton's)—[required in all the courses], elementary principles, determination of latitude, longitude, and time, precession, aberration, determination of the elements of a planet's orbit, eclipses, with the computation in full of an eclipse of the moon.

Students in the course in civil engineering devote an additional term in the Junior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they take up Railroad engineering and the Theory of Strains as applied to the construction of bridges and roofs; project some original

engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6.—Chemistry and Physics.

Instruction in Physics is given by recitations and lectures.

Sophomore Year: *First term.* the laws of solids, liquids and gases; *Second term*, heat.

Junior Year: *Third year*, light and electricity.

Chemistry is pursued through the Junior year. *First term*, history of Chemistry and Chemical Philosophy; *Second term*, Stoichiometry and the univalent elements; *Third term*, metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

7.—Geology, Zoology and Botany.

The work in this department is uniform in all courses; and is arranged as follows (elective studies in *italics*) :—

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Sophomore.	———	———	General Biology, 2.
Junior.	*Botany*, 3.	*Botany*, 3.	*Zoology*, 3.
Senior.	*Zoology*, 3.	*Mineralogy*	*Palæontology*, 3.
	Geology, 3.	*and Lithology*, 2.	

In the General Biology of the Sophomore year the student is led away from the routine study of books to the study of

natural objects; the preparation of a collection in some department of natural history is required and above all the habit of close observation and the drawing of objects seen are rigidly insisted upon.

In Botany the laboratory method is used studying with compound microscope a few typical forms of plant life from *Protococcus* to the *Phanerogamia*. The *Hand-Book of Plant Dissection* is the laboratory guide and Bessey's *Essentials of Botany* with abundant reference to the larger works of Bessey, Sachs, Goodale, Gray, DeBary and Strasburger forms the basis of class instruction.

In Zoology a similar course is pursued using for a guide, Colton's *Practical Zoology* with abundant reference to the works of Packard, Brooks, Claus and others. The dissection of typical forms and the study of specimens in hand is made a feature of the work.

In Geology Winchell's *Geological Studies* is used as a text for the work in General Geology required in all courses. The work of the second term in Mineralogy and Lithology, and of the third term in Palæontology is more special and is conducted largely in the laboratory with specimens in hand.

8.—History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text-book.

Freshman Year: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the third term, Rawlinson's Ancient History is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

SOPHOMORE YEAR: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the causes, development and consequences of the crusades; the Medieval Literature, etc. During the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the second term, lectures are given on the Comparison of French and English Government prior to 1789. Throughout the year, dissertations and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts, during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing three hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions at the hands of the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshmen and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text-books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

Freshman Year: *English Criticism.*—Essay Outlines, Punctuation (by notes), Abbott's How to Write Clearly, and Spencer's Philosophy of Style. *Elocution*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone quality, Utterance, Pitch, Force, Time, and Slides, using Dickens' Christmas Carols for practice and illustration. *Essays.*—Three original essays per term of not less than five hundred nor more than seven hun-

dred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part, before the class.

SOPHOMORE YEAR: *English criticism.*—Clark's English Composition and Revision, together with class work on the essays. *Elocution.*—*First term*, Bacon's Manual of Gesture with notes on Delsarte; *Second term*, three declamations, rehearsed privately and delivered before the class; *Third term*, declamations of prescribed character, delivered and criticised before the class.

Essays.—Three each, in *first* and *third terms* of not less than seven hundred nor more than one thousand words on subjects assigned. During the *second term* the declamations take the place of the essays. At the close of this year selections are made from those who then evince the most progress in declamation to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR: *Elocution.*—*First term*, Declamations of prescribed character delivered and criticised before the class; *Second* and *third terms*, Extempore speaking. *Orations.*—One each term, of not less than seven hundred words, after private rehearsal is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.*—*Second term*, Bain's Manual supplemented by Kame, Campbell, Hill, etc. One original oration of at least one thousand words is rehearsed and delivered at a Senior Exhibition in the chapel within the first two terms; a like oration is required from each member of the class on the first of May, from which selections are made for delivery at commencement.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:—

JUNIOR YEAR: *Second term*, Bowen's *Hamilton; Third term*, Bowen's *Hamilton* finished.

SENIOR YEAR: *Second term*, Mahan's *History of Modern Philosophy: Third term*, (elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR: *First term*, Calderwood's *Moral Philosophy; Third term*, Hopkins' *Evidences of Christianity*.

13.—JURISPRUDENCE AND POLITICAL ECONOMY.

SENIOR YEAR: *First term*, Political Economy and General Principles of Jurisprudence (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

Parallel Courses of Study.

Note.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in Italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
Freshman Year.	First Term.	Algebra, 4. Hygiene, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. F. H. Drawing from Patterns, 2, (4). English Criticism, 1. Elocution, 1.
	Second Term.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	Third Term.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEI COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.	FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Perspective Drawing, 3, (6). Lettering, 2, (4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3 Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. German, 1. Physics, 3. Orthographical Projections, 2. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
	THIRD TERM.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1, *Elocution*, 1. *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.	Biology, 2. Calculus, 4. Surveying, 3. German, 3. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.				
First Term.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Calculus, 4. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 4. *English Revolutions*, 2. *Botany*, 3, (6). *Physics*, 3.
Second Term.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Descriptive Geometry, 3. *Elocution*, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
Third Term.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Greek Comedy*, 3. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Mechanics, 5. Geodesy, 2. Descriptive Geometry, 2. *Elocution*, 1. *Psychology*, 4. *History of Education*, 1 *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.

PARALLEL COURSES OF STUDY.—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Zoölogy*, 3.	Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, 5. Structural Drawing, 2, (4). *Moral Philosophy*, 4. *Esthetics*, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Zoölogy*, 3.
	SECOND TERM.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Greek Tragedy*, 3. *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Art History, 1. History of Philosophy, 3. Philosophy of History, 1. English Literature, 5. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Bridges and Roofs, 4. Structural Drawing, 4, (8). English Literature, 5. *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2 *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3 *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Draw'g with Specifications, 5. THESIS. *Christian Evidences*, 5. *Art History*, 1. *History of Civilization*, 3. *History of Philosophy*, 3. *Analytical Chemistry*, 3, (6) *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.

College of Medicine.

It is now eleven years since this School, abandoning the desultory methods that had long characterized medical teaching in the United States, adopted a rational and classified curriculum.

It points with pride to the work accomplished. It has not graduated large numbers, but it has sent forth a goodly company of men who are even now taking front rank in the profession. Many more students could have been secured, and many more degrees could have been conferred, if advanced steps had not been taken.

The course pursued here offers no insuperable obstacles to average ability, but it demands three years of faithful work, and offers no attractions or indulgence to indolence or indifference. Industrious and aspiring students who would gain a thorough preparation for medical practice will find their opportunity here. There is a corps of twenty teachers, each of whom becomes acquainted with and interested in every student under his charge. There are Laboratories where the fundamental branches are taught in the most thorough and practical way, and there are clinical exercises through which the student acquires by examination and observation a knowledge of symptoms and the results of treatment.

THE COURSE OF STUDY.

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology and Botany.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Diseases of Children, Pathology, Gynecology, Forensic and State Medicine, Opthalmology and Clinics.

First Year students receive practical instruction in chemistry, through a course of laboratory work, extending through both terms. Second Year students take a shorter course in purely Medical Chemistry.

Laboratories have been established for practical work in Chemistry, Histology, and Comparative and Human Anatomy, and it is designed to equip a Physiological Laboratory in the near future. A principal part of the student's time during the first year is spent in Laboratory work upon these fundamental branches.

Usually there are from two to four clinics weekly, which Juniors and Seniors are expected to attend.

Two good hospitals—St. Joseph's and the House of the Good Shepherd—furnish a yearly increasing amount of clinical material.

THE COLLEGE YEAR

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length. The first term of the present college year begins on Tuesday October 5th, 1886, and ends on the second Tuesday of February, 1887. The second term begins on the second Wednesday of February, and ends on the second Thursday of June, 1887.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

EXAMINATIONS, &C.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. The regular examinations are held in the following order: All students who

enter for the regular course, are required to give evidence of a fair preliminary education. Those not bringing certificates from acceptable sources are examined in the common English branches. This preliminary examination is held at the College on the opening Tuesday evening in October at 7 o'clock. Examinations are also held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a board of Censors who are not members of the Faculty, appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, with thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more

branches, and all who do not intend to offer themselves for graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Chemical Laboratory, 1st year, $10.00; Anatomical Laboratory, 1st year, $10.00; Tuition for the year, $100.00; for either term alone, $65.00; for Graduation, $25.00. The fee for the third year, to such as have *fully* paid for the first and second years, is $50.00. Students from other departments of the University are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment of college dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates of this school have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

SOPHOMORE YEAR: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the causes, development and consequences of the crusades; the Medieval Literature, etc. During the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the second term, lectures are given on the Comparison of French and English Government prior to 1789. Throughout the year, dissertations and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts, during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting, and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing three hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions at the hands of the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of Enunciation. In Gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshmen and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text-books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

Freshman Year: *English Criticism.*—Essay Outlines, Punctuation (by notes), Abbott's How to Write Clearly, and Spencer's Philosophy of Style. *Elocution*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone quality, Utterance, Pitch, Force, Time, and Slides, using Dickens' Christmas Carols for practice and illustration. *Essays.*—Three original essays per term of not less than five hundred nor more than seven hun-

dred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part, before the class.

SOPHOMORE YEAR: *English criticism.*—Clark's English Composition and Revision, together with class work on the essays. *Elocution.*—*First term*, Bacon's Manual of Gesture with notes on Delsarte; *Second term*, three declamations, rehearsed privately and delivered before the class; *Third term*, declamations of prescribed character, delivered and criticised before the class.

Essays.—Three each, in *first* and *third terms* of not less than seven hundred nor more than one thousand words on subjects assigned. During the *second term* the declamations take the place of the essays. At the close of this year selections are made from those who then evince the most progress in declamation to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR: *Elocution.*—*First term*, Declamations of prescribed character delivered and criticised before the class; *Second* and *third terms*, Extempore speaking. *Orations.*—One each term, of not less than seven hundred words, after private rehearsal is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.*—*Second term*, Bain's Manual supplemented by Kame, Campbell, Hill, etc. One original oration of at least one thousand words is rehearsed and delivered at a Senior Exhibition in the chapel within the first two terms; a like oration is required from each member of the class on the first of May, from which selections are made for delivery at commencement.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:—

JUNIOR YEAR: *Second term*, Bowen's *Hamilton; Third term*, Bowen's *Hamilton* finished.

SENIOR YEAR: *Second term*, Mahan's *History of Modern Philosophy: Third term*, (elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR: *First term*, Calderwood's *Moral Philosophy; Third term*, Hopkins' *Evidences of Christianity*.

13.—JURISPRUDENCE AND POLITICAL ECONOMY.

SENIOR YEAR: *First term*, Political Economy and General Principles of Jurisprudence (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

Parallel Courses of Study.

Note.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in Italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
Freshman Year.	First Term.	Algebra, 4. Hygiene, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. F. H. Drawing from Patterns, 2, (4). English Criticism, 1. Elocution, 1.
	Second Term.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H. Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	Third Term.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEI COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.	FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German. 3. Perspective Drawing, 3, (6). Lettering, 2, (4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3 Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. German, 1. Physics, 3. Orthographical Projections, 2. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
	THIRD TERM.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1, *Elocution*, 1. *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.	Biology, 2. Calculus, 4. Surveying, 3. German, 3. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.				
First Term.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Calculus, 4. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 4. *English Revolutions*, 2. *Botany*, 3, (6). *Physics*, 3.
Second Term.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Descriptive Geometry, 3. *Elocution*, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
Third Term.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Greek Comedy*, 3. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Mechanics, 5. Geodesy, 2. Descriptive Geometry, 2. *Elocution*, 1. *Psychology*, 4. *History of Education*, 1 *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.

PARALLEL COURSES OF STUDY.—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Zoölogy*, 3.	Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, 5. Structural Drawing, 2, (4). *Moral Philosophy*, 4. *Esthetics*, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Zoölogy*, 3.
	SECOND TERM.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Greek Tragedy*, 3. *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Art History, 1. History of Philosophy, 3. Philosophy of History, 1. English Literature, 5. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Bridges and Roofs, 4. Structural Drawing, 4, (8). English Literature, 5. *Art History*, 1. *History of Philosophy*, 3. *Philosophy of History*, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2 *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3 *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Draw'g with Specifications, 5. THESIS. *Christian Evidences*, 5. *Art History*, 1. *History of Civilization*, 3. *History of Philosophy*, 3. *Analytical Chemistry*, 3, (6) *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.

Course in Music.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Piano, 2. Cultivation of the Voice, 2. Theoretical Rudiments, 2. Recital, 1. Hygiene, 3. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Medieval History, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. Chords and Figuration, 2.	Polyphonic Forms of Musical Composition, 1. Cultivation of the Voice, 2. Violin, (Quartette Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. German Language, 2. Organ, 1. Esthetics, 1. Two Essays on Art.
Second Term.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. French Language, 2. Modern History, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 3. Organ, 1. The Smaller Forms of Musical Composition, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, (Solo Playing), 2. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. English Literature, 3. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
Third Term.	Piano, 2. Cultivation of the Voice, 2. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Modulation, 1. Modern History, 3. French Language, 3.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. German Language, 4. Organ, 1. The Smaller Forms of Musical Composition, 2.	Piano, 2. Cultivation of the Voice, 2. Violin, 1. Recital, 1. Ensemble Playing, 1. Chorus Singing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. History of Civilization, 3. Graduating Thesis.

Subjects and Methods of Instruction

IN

ARCHITECTURE AND PAINTING.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold after the same arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and precision in delineating and executing designs. Freehand

Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time

is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Moulds, and of making casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

PHOTOGRAPHY.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. Instruction is given at the studio of the instructor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures is given upon the History of the Fine Arts in outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

CLASSICAL MYTHOLOGY AND ARCHÆOLOGY.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts; written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture sculpture painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An Esthetic Society has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

SUBJECTS AND METHODS OF INSTRUCTION IN MUSIC.

This course of study includes systematic and progressive instruction in the theory, history and practice of music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violincello, cornet or clarinet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are hygiene, physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The Piano.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, 1st part, Köhler's Practical Piano School or Jacques Schmidt's Erster Lehrmeister is used. Also studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn op. 65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the work of other masters suitable to this grade.

Sophomore Year. Heller op. 45 and 46; Czerny op. 740, Books I and II; Back 2 Voiced Inventions; Loeschhorn op. 38; Köhler's Arpeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year.—Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, Books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos

by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, Daily Studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

THE VIOLIN:

For beginners, the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., Selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jaques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student: Dussek's Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of the Organ, the students will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used supplemented with compositions of the German, French and English Schools.

An excellent pipe Organ, built by Johnson & Son, has recently been placed in the University Chapel, upon which instruction is given, thus affording students ample opportunity for the study of this instrument.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber Abt, Panofka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which every student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of Music, embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in Classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue are used. Instruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

History of Music.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

Euterpe Society.

The students of music have organized a Euterpe Society, which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read, and musical selections are rendered by the members.

Professional Concerts.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

Teaching.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience, under the supervision of the Faculty.

CALENDAR.

1887.

January	3,	*Monday*, Winter Term begins.
"	27,	*Thursday*, Day of Prayer for Colleges.
February	3,	*Thursday*, 8 P. M., Senior Orations.
"	8,	*Tuesday*, First Term of the College of Medicine ends.
"	9,	*Wednesday*, Second Term of the College of Medicine begins.
March	3,	*Thursday*, 8 P. M., Senior Orations.
"	29, 30,	*Tuesday, Wednesday*, Supplementary Examinations.
"	25–29,	*Friday—Tuesday*, Term Examinations.
April	5,	*Tuesday*, Spring Term begins.
May	2,	*Monday*, Seniors present their Commencement Orations.
June	1–3,	*Wednesday—Friday*, Final Examination of Seniors.
"	9,	*Thursday*, Second Term of the College of Medicine ends.
"	16, 17,	*Thursday, Friday*, Supplementary Examinations.
"	14–16,	*Tuesday—Thursday*, Term Examinations.
"	16,	*Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
"	18,	*Saturday*, 10 A. M., Annual Meeting of the Faculty of the University.
"	19,	*Sunday*, 10½ A. M., Baccalaureate Sermon.

June 20–22, *Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.

" 20, *Monday*, 9 A. M., Entrance Examinations—Latin.
2 P. M., Class Day Exercises.
8 P. M., Annual Musical Soirée.

" 21, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.
10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
2 P. M., Entrance Examinations—Greek.
7½ P. M., Literary Meeting of Alumni Association in the Chapel.

" 22, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar and Modern Geography.
2 P. M., Sixteenth Annual COMMENCEMENT.

" 23, *Thursday*, 9 A. M., Entrance Examinations—Natural Philosophy.
10½ A. M., Entrance Examinations—United States History.
Summer Vacation begins.

September 19–21, *Monday—Wednesday*, Entrance Examinations in the same order as in June.

" 22, *Thursday*, Fall Term begins. Students assemble in Chapel at 9:30 A. M.

October 4, *Tuesday*, First term of the College of Medicine begins.

" 28–31, *Friday—Monday*, Examinations for Rank.

November 17, *Thursday*, 8 P. M., Senior Orations.

" 24–26, *Thursday—Saturday*, Thanksgiving Recess.

December 15, *Thursday*, Senior Orations.
" 20–22, *Tuesday—Thursday*, Term Examinations.
" 22, 23, *Thursday*, *Friday*, Supplementary Examinations.
" 23, *Friday*, Fall Term ends. Holiday Recess begins.

1888.

January 9, *Monday*, Winter Term begins.
" 26, *Thursday*, Day of Prayer for Colleges.
February 9, *Thursday*, 8 P. M., Senior Orations.
" 14, *Tuesday*, First Term of the College of Medicine ends.
" 15, *Wednesday*, Second Term of the College of Medicine begins.
March 8, *Thursday*, 8 P. M., Senior Orations.
March 30–April 3, *Friday—Tuesday*, Term Examinations.
April 3, 4, *Tuesday*, *Wednesday*, Supplementary Examinations.
April 10, *Tuesday*, Spring Term begins.

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SEVENTEENTH

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OF THE

SYRACUSE UNIVERSITY.

1887-88.

ANNUAL

OF THE

Syracuse University

FOR THE

COLLEGIATE YEAR

1887-88.

SYRACUSE, N. Y.
MDCCCLXXXVII.

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FREDERICK C. LYFORD,
Instructor in Drawing.

JOHN R. FRENCH,
Secretary of the Faculty.

REV. W. P. CODDINGTON,
Librarian.

REV. JOHN J. BROWN,
College Pastor.

FRANK SMALLEY,
Receiver of College Dues.

L. M. UNDERWOOD,
Curator of the Museum.

Students.

POST-GRADUATES.

(CANDIDATES FOR PH. D.)

Rev. George E. Ackerman, A. M., S. T. B.,	Warsaw, N. Y.
Prof. Wilbur W. Alden, M. S.,	Paterson, N. J.
Rev. George W. Andrews, A. B.,	Dalton, Mass.
Rev. Amos A. Arthur, A. B.,	Churchtown, Pa.
Prof. Thomas J. Bassett, A. M.,	Greencastle, Ind.
Rev. Francis E. Beck, A. B.,	Du Bois, Pa.
Prof. Charles C. Brill, A. M.,	Montpelier, Vt.
Rev. Robert Burns, B. Ph.,	Washington, Ont.
Prof. William H. Butts, A. M.,	Orchard Lake, Mich.
William P. Cantwell, A. B.,	Malone, N. Y.
Rev. Gustav A. Carstensen, A. M.,	Erie, Pa.
Prof. Francis J. Cheney, A. M.,	Kingston, N. Y.
Rev. Joseph G. Cleveland, A. B.,	Sendai Miyagi Ken, Japan.
Rev. Frank H. Coffran, A. B.,	Worcester, N. Y.
Prof. Abial Brown Davis, B. Ph.,	Salamanca, N. Y.
Prof. Stephen T. Dial, A. B.,	Milford, O.
Prof. Charles R. Dryer, A. M.,	Fort Wayne, Ind.
Rev. John W. Duffy, A. M.,	Orange Valley, N. J.
Rev. Oscar L. Fisher, A. M.,	Denver, Col.
Rev. James Fraser, A. B.,	Las Vegas, N. M.
Rev. Matthew W. Gilbert, A. B.,	Nashville, Tenn.
Rev. George Goul, A. M.,	Pine Grove, Pa.
Prof. William R. Granger, A. B.,	Philadelphia, Pa.
Prof. Frederic A. Hall, A. M.,	Springfield, Mo.
Rev. Johnson Henderson, A. B.,	Pictou, N. S.

Prof. Walter S. Hendrixson, B. S., Yellow Springs, O.
Rev. Franklin J. Holzwarth, A. B., Manlius Station, N. Y.
Rev. Frank S. Houser, M. S., - Painted Post, N. Y.
Prof. Ray G. Huling, A. M., - - Fitchburg, Mass.
Prof. Leigh R. Hunt, A. M., - - Little Falls, N. Y.
Rev. William Jones, A. B., - Berlin Heights, O.
Charles S. Kathan, A. B., - Ballston, N. Y.
Rev. Matthias S. Kaufman, A. B., - Fall River, Mass.
Rev. John D. Kennedy, A. B., - Philmont, N. Y.
Prof. Nicholas Knight, A. M., - - Cazenovia, N. Y.
Prof. Carl R. Krone, B. Ph., - - - Lincoln, Ill.
Rev. Egbert C. Lawrence, A. M., - Vernon, N. Y.
Rev. Benjamin F. Liepsner, A. B., - Philadelphia, Pa.
Rev. Archibald MacDougall, B. Ph., St. Andrews, N. B.
Rev. David T. MacClymont, A. M., - Williamsport, Pa.
Edgar S. Maclay, A. B., - - Brooklyn, N. Y.
Sara M. Maxson, M. Ph., - - Kent's Hill, Me.
Rev. Clinton D. McDonald, A. M., B. D., Thorold, Ont.
Rev. Gilbert G. McRobbie, A. M., - Ridgetown, Ont.
Rev. James C. Nicholson, A. B., - - Baltimore, Md.
Prof. Edwin F. Norton. A. B., - Morrisville, N. Y.
Prof. Thomas O'Hagan, A. M., - - Paisley, Ont.
Rev. Delevan D. Odell, A. M., - - Aurora, Ill.
Rev. Judson O. Perkins, A. M., - Chittenango, N. Y.
Prof. Charles A. Pitkin, A. B., - Braintree, Mass.
Rev. Mason W. Pressley, A. B., - - Chester, S. C.
Cyrus A. Price, A. M., M. D., - - Chicago, Ill.
Rev. Henry S. Rowe, A. B., - - Galway, N. Y.
Rev. Hiram R. Shoemaker, A. B., - Navarino, N. Y.
Rev. James Sifton, A. B., - Oxford Centre, Ont.
Rev. Alfred O. Smith, A. M., Rotherham, England.
Prof. Leo A. Stäger, B. Ph., - - St. Louis, Mo.
Rev. George E. Stockwell, A. M., - - Salem, N. Y.
Rev. Henry C. Swentzel, A. B., - - Scranton, Pa.
Rev. Polemus H. Swift, A. M., B. D., - - Rockford, Ill.
Prof. Joseph R. Taylor, A. B., - - Hamline, Minn.
Prof. Zachary P. Taylor, A. M., - Rochester, N. Y.
Frank H. Thatcher, M. Ph., - Aurora, Ill.

Flavel S. Thomas, A. M., M. D.,	Hanson, Mass.
Rev. James P. Thoms, A. M.,	Bradford, Pa.
Rev. John C. Thoms, A. M., M. D.,	Elyria, O.
Rev. Charles W. Thornton, A. B.,	Mendota, Ill.
Prof. William C. Tifft, A. B.,	Memphis, N. Y.
Prof. Robert B. Warder, A. M.,	Lafayette, Ind.
Norval Wardrop, M. Ap. Sc.,	Detroit, Mich.
Rev. Horace E. Warner, A. B., B. D.,	Cedar Falls, Iowa.
Flora Ellis Wells, A. M.,	Syracuse, N. Y.
Rev. Elliott S. White, A. B.,	Beallsville, Pa.
Rev. William C. Wilbor, A. B.,	LeRoy, N. Y.
Rev. John H. Willey, B. Ph.,	Milford, Del.
Rev. David Winters, B. S.,	Williamsport, Pa.

SENIOR CLASS.

			City Address.
Mary Ethel Abbott,	c.	*Syracuse*,	Madison cor. Cherry
Frank Giles Banister,	c.	*Watertown*,	Δ. Υ. Chap. H
William Edward Blair,	s.	*Wellsboro, Pa.*,	317 Irving
Mary Frances Call,	l. s.	*Utica*,	Α. Φ. Chap. H
Milton Joseph Fletcher,	c.	*East Guilford*,	Δ. Υ. Chap. H
Elizabeth Louise Foote,	c.	*Chittenango*,	Α Φ. Chap. H
Nettie Gertrude Fuller,	c.	*Carthage*,	725 Irving
Cora Adella Harrington,	c.	*Syracuse*,	Kellogg
Herbert Harry Hawkins,	l. s.	*Potsdam*,	35 University ave
Fred De Land Leete,	c.	*Homer*,	613 Irving
George Holmes Maxwell,	c.	*Marion*,	210 E. Fayette
Mary Brown Moore,	s.	*Weedsport*,	643 Irving
John Herman Murrav,	s.	*Hastings*,	300 E. Genesee
William Smith Murray,	s.	*Hastings*,	105 University ave
Lyman Crandall Pierce,	c.	*Wolcott*,	150 Harrison
Wesley Amos Pratt,	c.	*Manchester, Ia.*,	60 Renw'k ave
Howard Lincoln Rixon,	c.	*Canastota*,	150 Harrison
Harry Grant Rowland,	l. s.	*Wellsboro, Pa.*,	317 Irving
Morgan Rich Sanford,	s.	*Hedgesville*,	621 Chestnut

NOTE.—The letter c. indicates the Classical Course; l. s., the Latin-Scientific; g. s., the Greek-Scientific; s., the Scientific; and c. e., the Civil Engineering Course.

			City Address.
W. G. Washington Schmidt,	l. s.	*Mankato, Minn.*,	141 Harrison
Carlos d' Andrade Villares,	c. e.	*Oporto, Portugal*,	
William P. Westfall,	l. s.	*Geddes*,	Geddes

JUNIOR CLASS.

George Irving Abbott,	c.	*Norfolk*,	66 Renwick ave
Allen Eli Atwater,	c.	*Throopsville*,	12 Gazelle
James Parker Becker,	s.	*Syracuse*,	10 Gifford
Wesley Hamilton Benham,	c.	*Penn Yan*,	500 Irving
Byron Briggs Brackett,	c.	*Hannibal*,	*Δ. Υ.* Chap. House
Horace William Britcher,	c. e.	*Syracuse*,	135 S. West
Mary Elizabeth Burdick,	c.	*Crown Point*,	*Α. Φ.* Chap. H
William Clark Burdick,	c.	*Crown Point*,	173 Adams
Fred Newell Burritt,	s.	*Weedsport*,	529 Irving
Levi Snell Chapman,	c.	*Fayetteville*,	*Δ. Υ.* Chap. House
George William Church,	c.	*Central Square*,	640 Irving
Stephen Stillman Cobb,	c.	*Mexico*,	212 E. Fayette
Arthur Carey Connelly,	c.	*Kingston*,	35 University ave
Everett Clayton Countryman,	s.	*Springville*,	615 Chestnut
William Bowers Crowley,	c.	*Syracuse*,	104 Midland ave
Carlton Clarence Curtiss,	c.	*Syracuse*,	353 Carbon
Frances Lusina Drake,	c.	*Syracuse*,	8 Slocum ave
Ernest Isaac Edgcomb,	c.	*Cortland*,	212 E. Fayette
Frank James Farrington,	c.	*LaFayette*,	216 E. Fayette
Joseph Lincoln Gillard,	c.	*Fairville*,	9 Marshall
Charles Frank Hitchcock,	l. s.	*Warners*,	630 Chestnut
Lyman Potter Hitchcock,	l. s.	*Warners*,	630 Chestnut
Orren Josiah Houghton,	s.	*North Bay*,	257 E. Fayette
Arthur Cyrus Howe,	c.	*Saratoga Springs*,	422 Chestnut
Newel Eugene Hulbert,	c.	*Thompson, O.*,	Walnut Place
John Daniel Keefe,	c.	*Oswego*,	212 E. Fayette
Edwin Clark Mason,	c.	*Geddes*,	8 Geddes
Nellie Gray McIntyre,	c.	*Batavia*,	725 Irving
William Howard McKenzie,	c.	*Newark, N. J.*,	*Δ. Υ.* Chap. H
George Edward Merrill,	c.	*Newburyp't, Mass.*,	9 Marshall
Mary J. O'Bryon,	l. s.	*Elmira*,	643 Irving
George Byron Out,	c.	*Syracuse*,	12 Grace

			City Address.
Eva Delia C. Potter,	s.	*Webster*,	613 Irving
Charles Seabury Robertson,	c.	*Galway*, *Δ. Υ.*	Chapter House
John Brownell Rogers,	c.	*Fleming*,	212 E. Fayette
Lowell Lincoln Rogers,	c.	*Fleming*,	212 E. Fayette
Garry Van Sackett,	s.	*Geneva*,	422 Chestnut
Edwin Merritt Sanford,	l. s.	*Hedgesville*,	621 Chestnut
Hattie Travis Sanford,	l. s.	*Middletown*,	29 Univ. Place
Henry Orrin Sibley,	c.	*Royalton*,	182 Adams
Frank Justus Schnauber,	c. e.	*Syracuse*,	101 S. West
Anna Hemans Smith,	c.	*Collamer*,	156 Harrison
Anna Pomeroy Terry,	c.	*Syracuse*,	214 E. Genesee
Martin Henry Walrath,	c.	*St. Lawrence*,	210 Madison
Charles Lorenzo Walsworth,	c.	*Sing Sing*, *Δ. Υ.*	Chap. House
Noble Earl Whitford,	c.	*Syracuse*,	2½ Slocum ave
Nellie Maroa Wilmot,	c.	*Carthage*,	169 Madison
Nettie Lydia Wilmot,	c.	*Carthage*,	169 Madison
Gordon Almond Wright,	c. e.	*Massena*,	141 Harrison
Frank Edwin Young,	s.	*Liverpool*,	176 Adams
Lovina Anna Ziegler,	s.	*Palmyra*, *A. Φ.*	Chap. House

SOPHOMORE CLASS.

Lucy Sophia Bainbridge,	c.	*Syracuse*,	160 Centre
Charles Howland Bassett,	c.	*Ansonia, Conn.*,	105 Univ. ave
Theodore Orville Beebe,	c.	*Cutchoque, L. I.*,	610 Chestnut
Cora Ann Brackett,	c.	*Hannibal*, *A. Φ.*	Chap. House
William Mair Brooks,	c.	*Stillwater*,	422 Chestnut
Menzo Burlingame,	l. s.	*East Springfield*,	210 Madison
James Simpson Clark,	c.	*Seward*,	3 Marshall
Ida May Cooley,	l. s.	*Syracuse*,	19 E. Castle
John C. Culligan,	c.	*Ithaca*,	105 University ave
Albert Washington Emerson,	s.	*Bath*,	66 Renwick ave
Earlman Fenner,	l. s.	*Centre Lisle*,	35 Univ. ave
Seymour Coe Ferris,	c.	*East Worcester*,	630 Chestnut
Lena C. Hammond,	s.	*Port Jervis*,	741 Chestnut
William A. Jenner,	c.	*Clyde*, *Δ. Υ.*	Chap. House
Harris Israel Levy,	l. s.	*Syracuse*,	95 Orange
Frank Joseph Marion,	c.	*Syracuse*,	622 Irving

			City Address.
Minnie Adell Mason,	c.	*Geneseo,*	214 E. Genesee
Jessie Eugenia McClelland,	s.	*Bloomington, Ind.,*	109 E. Fay'e
Harry Belden Mitchell,	s.	*Addison,*	533 Ches'nut
William Edward Palmer,	c.	*Matamoras, Pa.,*	610 Chestnut
Peter Frederick Piper,	s.	*Herkimer,*	210 Madison
Frank Mead Rooney,	s.	*Jersey City, N. J.,*	529 Irving
Isaac Schwartz,	c. e.	*Syracuse,*	116 Burnet
Anna Grace Skinner,	l. s.	*Mexico,*	727 Irving
Jay Wilbur Somerville,	c.	*Johnsburgh,*	*Δ. Υ.* Chap. H
George Keiser Statham,	l. s.	*North Fork, Pa.,*	210 Madison
Julia Ward Stephens,	c.	*Syracuse,*	138 E. Fayette
Fannie Louise Thomas,	l. s.	*Mexico,*	727 Irving
Oscar Rogers Whitford,	c.	*Syracuse,*	2½ Slocum ave
Abbott Yates Wilcox,	c.	*Clifford,*	*Δ. Υ.* Chap. House

FRESHMAN CLASS.

Edward S. Allis,	c.	*Syracuse,*	106 Court
Georgianna Atwood,	l. s.	*Herrickville, Pa.,*	613 Irving
James Lynn Barnard,	s.	*Cooperstown,*	247 Madison
Frank Lincoln Boothby,	s.	*Phœnix,*	317 Irving
John Veranus Brownell,	c.	*Wilkesbarre, Pa.,*	255 E. Gen
M. Louise Brownell,	l. s.	*Schenectady,*	*Α. Φ.* Chap. H
Harriet May Budd,	c.	*Newark,*	106 Univ. ave
George Frederick Burt,	c. e.	*Syracuse,*	202 E. Genesee
Nelson Chambers,	c.	*Scotia,*	
Ella Lucinda Chapman,	s.	*Fayetteville,*	620 Chestnut
Gertrude Chapman,	s.	*Syracuse,*	247 Madison
Edwin Stancliff Churchill,	c.	*Springville,*	173 Adams
Henry Homer Cole,	l. s.	*Mexico,*	
Charles Carhart Cook,	s.	*Syracuse,*	145 Lodi
Amy Isabel Cooper,	l. s.	*Syracuse,*	Walnut Place
Jennie Dennison Cooper,	l. s.	*Canandaigua,*	96 Univ. ave
Ellen Adusa Corse,	c.	*Mannsville,*	168 Adams
Warren Adolphus Davey,	l. s.	*Parish,*	*Δ. Υ.* Chap. House
Edward Devine,	s.	*South Onondaga.*	
Theophilus Devitt,	c.	*Watkins,*	3 Marshall
Clara May Eastman,	c.	*Belleville,*	168 Adams

			City Address.
Ella May Edwards,	l. s.	*Holley*,	5 Marshall
Emma Younglove Emerson,	s.	*Bath*,	66 Renwick ave
Frank Philip Estabrook,	c.	*Hoosick Falls*,	105 Univ. ave
Martin Luther Estey,	g. s.	*Palmyra*,	286 Grape
Frederick Vining Fisher,	c.	*Brooklyn*, *Δ. Υ.*	Chap. House
Paul Fitz Gerald,	c.	*Newark*, *N. J.*,	620 Chestnut
Frank William Goreth,	c.	*Baldwinsville*,	105 Univ. ave
Frank Fellows Gray,	s.	*Elmira*,	202 Madison
Myron Wesley Greene,	s.	*East Avon*,	630 Chestnut
John Augustus Hamilton,	c.	*Moriah*,	630 Chestnut
Benjamin F. Hammond,	c.	*Syracuse*,	71 Croton
Charles C. Hard,	l. s.	*Binghamton*,	105 Univ. ave
Edwin Marble Hasbrouck,	s.	*Syracuse*,	Comstock ave
Martha Naomi Hayden,	l. s.	*Syracuse*,	102 S. Beech
Grace Seely Hiller,	c.	*Middlebury, Vt.*,	279 E. Genesee
John Edward Hoick,	l. s.	*Oswego*,	9 Marshall
James Leland Howard,	c.	*New York*,	610 Chestnut
William Hildrup Howe,	s.	*Cazenovia*,	289 Grape
Louis Roberts Hunter,	l. s.	*Sterling*.	
Frank Stannard Husted,	c. e.	*LeRoy*,	533 Chestnut
William Hosmer Ives,	c.	*Auburn*,	33 Univ. Place
Van Evrie Kilpatrick,	c.	*Marathon*,	105 University ave
Carrie May Lathrop,	l. s.	*New Marlboro, Mass.*,	43 Irv
Mary Gertrude Leete,	l. s.	*Syracuse*,	613 Irving
Ida Vill Lewis,	l. s.	*Lisle*, *Α. Φ.*	Chap. House
Arthur Marvin,	c.	*Cooperstown*,	725 Chestnut
Mary Luella Masters,	s.	*Thornton, Ind.*,	23 Univ. ave
David Casler Monroe,	c.	*Cazenovia*,	35 University ave
James Smith Morey,	s.	*Wyckoff*, *N. J.*,	182 Adams
Frank Newkirk,	c. e.	*Syracuse*,	630 Chestnut
William Godfrey Noyes,	c.	*Diana*,	105 University ave
Francis Elliot Oliver,	l. s.	*Syracuse*,	102 University ave
Lewis R. Palmer,	s.	*Clyde*,	106 University ave
Ada Belle Parker,	s.	*Port Gibson*,	522 Chestnut
Newton Ralph Peckham,	l. s.	*Memphis*,	210 E. Fayette
Prescott Dudley Perkins,	c.	*Little Falls*,	529 Irving
Mary Sophia Pitkin,	c.	*Syracuse*,	38 Madison

			City Address.
Mary Ella Reed,	l. s.	*Seneca Castle*,	3 Marshall
Nellie King Reilay,	l. s.	*Syracuse*,	295 E. Washington
Joseph Reynolds,	l. s.	*Watertown*,	78 Univ. ave
Philip Harrison Riegel,	l. s.	*West Fayette*,	
William Henry Rowe,	l. s.	*Troy*,	630 Chestnut
Edward Everett Samuel,	l. s.	*Remsen*,	105 University ave
Bertha Sabin Sawyer,	c.	*Syracuse*,	98 University ave
M. Elizabeth Scott,	s.	*Syracuse*,	136 Harrison
Edmund L. Shepard,	c.	*Flemingville*,	84 Univ. ave
George Fletcher Shepherd,	c.	*Rome*,	105 University ave
Avery Warner Skinner,	c.	*Mexico*,	Δ. T. Chap. House
Elmer Ellsworth Smith,	c.	*Dundee*,	255 E. Genesee
Lillie Scoresby Smith,	c.	*Ellenville*,	3 Marshall
Horace E. Stout,	s.	*Plainfield, N. J.*,	620 Chestnut
Austianna Eliza Taylor,	c.	*Brooklyn*,	36 S. Onondaga
Charles Wesley Tooke,	c.	*Black River*,	120 Univ. ave
Frank David Torrey,	c.	*Vernon*,	Δ. T. Chap. House
Olin Sylvanus Twist,	c.	*Passaic, N. J.*,	610 Chestnut
Caroline Olga Wandell,	s.	*Phœnix*,	425 Chestnut
Robert William Wilde,	s.	*Syracuse*,	125 University ave
Frank Hoyt Wood,	c.	*Westbury*,	105 University ave
Joseph William Young,	l. s.	*Akron, O.*,	94 University ave

UNCLASSIFIED.

Charles Leonard Brownell,		*Nyack*,	
Fannie Louise Case,		*Rochester*,	613 Irving
Hiram Lincoln Church,	c.	*Central Square*,	640 Irving
Orator Fuller Cook,	c.	*Clyde*,	Comstock ave
Alfred Darling Cushing,	c.	*Rochester*,	615 Chestnut
Stella Jennie Dodge,	s.	*Middlebury, Vt.*,	109 E. Fayette
Charles Winfred Douglas,	c.	*Oswego.*	623 Irving
William Henry Dower,	l. s.	*Syracuse*,	205 Grape
May E. Duncan,	l. s.	*Syracuse*,	17 Seymour
Benedict R. Hatmaker,	s.	*Troy, Pa.*,	3 Marshall
Edward Emory Hill,	c.	*Fulton*,	29 Slocum ave
Everett Carlisle Johnson,		*Syracuse*,	3 Hoes Block
Elam Edward Marsh,	c.	*Fort Ann*, Δ. T.	Chap. House

			City Address.
Frank Lincoln Mead,	c.	*Kirkville*,	5 Monroe
Olin Coit Mirteenes,	s.	*Sparrowbush*,	216 E. Fayette
Eliza Hamilton Pettit,	l. s.	*Wabash, Ind.*, *A. Φ.*	Chap. H
Lyman Commodore Pettit,		*Saratoga Springs*,	
Samuel Seymour Phelps,		*Hannibal*,	236 Grape
Grace Dwight Potter,		*Syracuse*,	86 W. Onondaga
Edward Cosgrove Ryan,	l. s.	*Redwood*,	250 E. Washington
M. Jennie Stevens,		*Danbury, Ct.*,	
William Sumner Teall,		*Syracuse*,	61 E. Fayette
Masayashi Takaki,	l. s.	*Yokohama, Japan*,	208 Mad'n
Judson L. Transue,	c.	*Liverpool*,	
Seward N. Transue,	c.	*Liverpool*,	
Charles Champion Tucker,	s.	*Pembroke, Ont.*,	202 Madison

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.
CHANCELLOR.

NELSON NIVISON, M. D.,
Emeritus Professor of Physiology.

HENRY D. DIDAMA, M. D.,
Professor of Principles and Practice of Medicine and Clinical Medicine.

WM. T. PLANT, M. D., REGISTRAR,
Professor of Pediatrics.

ALFRED MERCER, M. D., TREASURER,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M. D.,
Professor of Operative and Clinical Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WM. H. DUNLAP, M. D.,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D.,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Lecturer on Clinical Surgery.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

FRANK W. MARLOW, M. D.,
Lecturer on Opthalmology and Otology.

AARON B. MILLER, M. D.,
Instructor in Gynecology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

REUBEN C. HANCHETT, M. D.,
Instructor in Physiology.

NATHAN JACOBSON, M. D.,
Instructor in Laryngology and Surgery.

ARTHUR B. BREESE, M. D., CURATOR,
Instructor in Histology.

FRED W. SEARS, M. D.,
Instructor in Histology.

HORACE D. BABCOCK, M. D.,
Instructor in Physiology.

HARRY H. PEASE, M. D.,
Instructor in Anatomy.

CENSORS.

S. M. HIGGINS, M. D., Memphis.
J. N. ARNOLD, M. D., Clyde.
HARVEY JEWETT, M. D., Canandaigua.

Students.

THIRD YEAR.

		City Address.
Charles E. Boynton,	*Syracuse,*	280 Mulberry
Daniel Connelly, Jr.,	*Catskill,*	518 Irving
Leouie Hürlemann,	*Zurich, Switzerland,*	7 Quince
Amelia D. Niven,	*Syracuse,*	25 E. Onondaga
I. Davis Ozmun,	*Midway,*	155 Harrison
Emma A. Runnion,	*Syracuse,*	32 E. Jefferson
Robert J. Scott,	*Prattsburgh,*	155 Harrison
Nelson A. Sloan,	*Bellona,*	518 Irving
Hamilton W. Swift,	*Syracuse,*	Fayette Park
James H. Shults,	*Syracuse,*	150 Harrison

SECOND YEAR.

Frank M. Arnold,	*Gilbertsville,*	136 Harrison
Patrick J. Cody,	*Syracuse,*	66 Ulster
Morris S. Lord,	*Smithville,*	95 S. West
Eleanor McAllister,	*Newburgh,*	745 Chestnut
Nathan A. Monroe,	*Auburn,*	3 Fayette Park
Arthur B. Rood,	*South Cortland,*	136 Harrison
Allen M. Smith,	*Syracuse,*	29 Holland

FIRST YEAR.

Theresa L. Bannon,	*Syracuse,*	141 Marcellus
Samuel B. Craton,	*Spartanburgh, S. C.,*	83½ James
Willard C. Du Bois,	*Onondaga Castle,*	

		City Address.
C. N. J. Doolittle,	*Paris*,	Clarendon Hotel
Merritt B. Kingsley,	*Rome*,	3 Crawford Block
Charles E. McLean,	*Syracuse*,	85 Prospect ave
Wm. H. May,	*Syracuse*,	126 E. Fayette
Nicholas L. Mulvy,	*Fairmount*,	
Frank A. Paddock,	*Wolcott*,	
John C. Shoudy,	*Syracuse*,	33 W. Genesee
H. C. Southworth,	*Leonardsville*,	
Wm. A. Strohmenger,	*Auburn*,	150 Harrison
James Touhey,	*Monterey*,	40 E. Fayette
Walter Werfelman,	*Syracuse*,	2 Union ave
Frank Welch,	*Syracuse*,	48 Crouse Building

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, A. M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SCHULTZE, MUS. D.,
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M. P.,
Professor of Drawing and Water Color Painting.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

WARD V. RANGER,
Instructor in Photography.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting, Modeling and Etching.

Students.

POST-GRADUATE.

			City Address.
Helena C. Reymon, B. P.,	p.	*Syracuse,*	151 W. Genesee

SENIOR CLASS.

Charlotte Rebecca Brigham,	m.	*Syracuse,*	203 Montgomery
Arthur Bridgman Clark,	ar.	*East Onondaga, Δ. T.*	Chap. H
Minnie B. Harrington,	p., s. m.	*Syracuse,*	180 E. Adams
Myrta L. Kenaston,	p., s. m.	*Syracuse,*	37 Montgomery Flats
Frederick Carr Lyford,	p.	*Fremont, N. H., Δ. T.*	Ch. H
Anna Bingham Packard,	m.	*Syracuse,*	522 Chestnut
Jessie Truesdell Peck,	m.	*Harford,*	741 Chestnut
Helen Mary Wardwell,	m.	*Mannsville,*	623 Irving

JUNIOR CLASS.

Nellie Elvena Angell,	p., s. m.	*Ilion,*	28 E. Onondaga
Charles W. A. Ball,	m.	*Phœnix,*	3 Fayette Place
Conrad Louis Becker,	s. m.	*Newark,*	275 E. Genesee
Elizabeth Maria Bickford,	s. p.	*Barton, Vt.,*	643 Irving
Emma Brigham,	s. m.	*Syracuse,*	88 S. Salina
Ellen Louisa Bryant,	s. m.	*Shekomeko,*	741 Chestnut
Eleonora Kopp Clancy,	s. m.	*Syracuse,*	Empire House
Mary Amelia Day,	s. p.	*Waterloo,*	2 Sabey Place

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

			City Address.
Charles Winfred Douglas,	s. m.	*Oswego*,	610 Chestnut
William Grant Egbert,	s. m.	*Syracuse*,	106½ Harrison
Florence May Farnham,	p.	*Bradford, Vt.*,	179 E. Adams
Edith Walton Hamlin,	s. m.	*Honesdale, Pa.*,	631 Irving
Frank Robert Holmes,	s. m.	*Central Square.*	
Mabel W. McClelland,	s. m.	*Crawfordsv'le, Ind.*,	109 E. Fay
Mary Manuella Stewart,	m.	*Syracuse*,	13 Johnson
Minnie May Stone,	s. m.	*Potsdam*,	*A. Φ.* Chap. House
Oramella Tackabury Marvin,	m.	*Syracuse*,	100 Seymour
Alice Aurelia Webster,	m.	*Apulia*,	647 Irving
Anna Belle Webster,	m.	*Apulia*,	647 Irving
Frank Augustus Welch,	m.	*Syracuse*,	37 Crouse Building
Harriet N. Wright,	s. p., s. m.	*Syracuse*,	12 Farmer Block

SOPHOMORE CLASS.

Minnie Estelle Belshaw,	p.	*Syracuse*,	425 Chestnut
Sylvia Hortense Bliss,	s. m.	*East Calais, Vt.*,	27 East ave
Margaret May Clark,	s. m.	*Elbridge*,	731 Irving
Jessie Ruth Coe,	s. p.	*Syracuse*,	192 E. Genesee
Arthur Carey Connelly,	s. m.	*Kingston*,	35 University ave
Fannie May Cowles,	s. m.	*Fayetteville.*	
Kate Armistead Crawford,	m.	*Syracuse*,	*A. Φ.* Chap. House
Mary Winona Dennis,	m.	*Syracuse*,	210 Madison
Carrie May Dixson,	s. m.	*Syracuse*,	23 University ave
Alice Scott Dunn,	p., s. m.	*Syracuse*,	Dunn Park
Lettie Clarissa Farwell,	s. m.	*Franklinville*,	643 Irving
Lena Fobes,	s. m.	*Syracuse*,	163 James
Mark Augustus Haley,	s. p.	*Syracuse*,	133 Mulberry
Gates Hamburger,	s. m.	*Syracuse*,	128 E. Jefferson
Gertrude Miranda Hamlin,	s. m.	*Hamlinton, Pa.*,	631 Irving
Emma Amelia Hermans,	s. p.	*Bellona*,	643 Irving
Harriet Jacobson,	s. p., s. m.	*Syracuse*,	60 Cedar
Carrie Pauline Jennings,	s. m.	*Fulton*,	23 University ave
Anna Chapman Johnson,	s. m.	*Memphis, Tenn.*,	127 Univ. ave
Ruth Kellogg Kingsley,	s. p.	*Syracuse*,	317 N. Salina
Anna Elizabeth Leonard,	p., s.m.	*Syracuse*,	230 Madison
Minnie Levy,	s. m.	*Syracuse*,	146 E. Jefferson

			City Address.
George Thomas Lewis,	s. ar.	*Buffalo,*	317 Irving
Caroline Eliza Morton,	s. m.	*Hartford, Conn.,*	59 Univ. ave
Jennie Munro,	s. m.	*Philadelphia,*	21 Gazelle
Bertha Grace Oviatt,	s. p., s. m.	*Cleveland, O.,*	23 Univ. ave
Mary Mereness Sandhovel,	s. p.	*Mexico,*	622 Irving
Martha M. Schultze,	s. m., s. p.	*Syracuse,*	4 Greenway Place
Margaret Ann Sexsmith,	s. m.	*Syracuse,*	55 Univ. ave
Mary Frances Shorey,	s. m.	*Syracuse,*	442 Irving
Mary Amelia Smith,	p.	*Syracuse,*	232 Madison
Blanche Stevens,	s. m.	*Syracuse,*	143 E. Genesee
Horace Edward Stout,	s. m.	*Plainfield, N. J.,*	620 Chestnut
Grace Evangeline Townsend,	m.	*Syracuse,*	522 Chestnut
Albert Gregory Vredenberg,	m.	*Mt. Vernon,*	635 Irving
Genette Wandell,	s. p.	*Syracuse,*	522 Chestnut
Florence Anne Wright,	p., s. m.	*Syracuse,*	12 Farmer Block

FRESHMAN CLASS.

Augusta M. H. Aldridge,	m.	*Syracuse,*	5 Harlow Block
Jeannette Elizabeth Atwell,	p.	*Syracuse,*	96 Univ. ave
Esther Harriet Avery,	p.	*Syracuse,*	228 Madison
Nellie Ruth Bainbridge,	s. p.	*Syracuse,*	160 Cedar
James Lynn Barnard,	s. m.	*Cooperstown,*	615 Chestnut
Cora Ophelia Barnard,	s. m.	*Cooperstown,*	247 E. Genesee
Verna Irene Beardslee,	s. m.	*Little Meadows, Pa.,*	Walnut Pl
Mary Hamilton Brown,	s. m.	*Syracuse,*	173 E. Railroad
Ruth Ann Brown,	m.	*Syracuse,*	247 E. Genesee
Helen Eddy Buell,	s. p., s. m.	*Lyons,*	631 Irving
Jessie Alice Burr,	s. m., s. p.	*Boonville,*	648 Chestnut
Nellie Ann Burr,	s. p., s. m.	*Boonville,*	648 Chestnut
Nettie May Campbell,	s. m.	*Seneca Castle,*	*A. Φ.* Chap. H
Luella Carpenter,	p.	*Syracuse,*	20 Grace
Fanny Louise Case,	p.	*Rochester,*	613 Irving
Anna Laura Chase,	s. m.	*Lamsons,*	617 Irving
Marion Elizabeth Coville,	m.	*Syracuse,*	118 Lodi
Lillie Belle Curtis,	s. p.	*Syracuse,*	103 E. Fayette
Alton Eugene Darby,	s. m.	*Homer.*	
Hiram Benj. Danziger,	s. m.	*Syracuse,*	260 E. Genesee

			City Address.
Lucien Adalbert Davison,	s. m.	*Cigarville*,	22 Cedar
Marie Louise Denison,	s. m.	*Syracuse*,	4 Nicholson Block
Frances Hart Dunn,	p.	*Syracuse*,	134 E. Genesee
Iva Belle Eldridge,	s. m.	*Rome, Pa.*,	59 Montgomery
Clara D. Finkbeiner,	s. m.	*Syracuse*,	127 Seymour
Elizabeth Francis,	s. m.	*East Schuyler*,	500 Irving
Carrie Louise Godfrey,	s. m.	*Syracuse*,	518 Irving
Clara Belle Goodman, .	s. m.	*Savannah*,	70 Montgomery
Cornelia C. Green,	s. p., s. m.	*Syracuse*,	81 James
Grace Green,	s. m.	*Moravia*,	17 Prospect ave
Edwin Marble Hasbrouck,	s. p.	*Syracuse*,	Comstock ave
Sarah Mildred Hawley,	p., s. m.	*Syracuse*,	53 E. Onondaga
Lena Marion Hensel,	s. m.	*Syracuse*,	110 Park
George Hey,	s. m.	*Syracuse*,	Highland Place
Mary Grace Hill,	s. p., s. m.	*Syracuse*,	55 East ave
Elizabeth Sophia Keefe,	s. m.	*Oswego*.	
Minnie Eldred Kenyon,	s. p.	*Sherburne*,	522 Chestnut
Anna Marie Lang,	s. m.	*Syracuse*,	74 Catharine
Louis Philip Lang,	ar.	*Syracuse*,	74 Catharine
Florence Adelle Larrabee,	m.	*Syracuse*,	638 Chestnut
Ella Dunham Lawrence,	s. m.	*Cleveland, O.*,	23 Univ. ave
Matie Lovell,	s. m.	*Trumansburg*,	5 Harlow Block
Hattie Lathrop Marsh,	s. m.	*Syracuse*,	422 Chestnut
Mary Anna Mattison,	s. p., s. m.	*Tyre*,	522 Chestnut
Jessie Eugenia McClelland,	m.	*Crawfordsville, Ind., A.Φ.C*	H
Jessie McCord,	s. m.	*Liverpool.*	
Harriet Smith Mead,	p.	*Chateaugay*,	157 Harrison
Cora Emma Miller,	s. m., s. p.	*Fulton*,	8 Granger
Harriet Maude Miller,	p., s. m.	*Syracuse*,	187 E. Genesee
Katharine Elizabeth Miller,	p.	*Syracuse*,	187 E. Genesee
Louise Mitchell,	s. p.	*Weedsport*,	31 University ave
Olive Crawford Moorhead,	m.	*Syracuse*,	631 Irving
Minnie Cass Morey,	p.	*Baldwinsville*,	2 E. Fayette Pl
Nellie Spellman Morgan,	m.	*Syracuse*,	2 Frazer Block
Mima Munro,	s. m.	*Antwerp*,	21 Gazelle
Mary Johnson Nash,	s. m.	*Cortland*,	33 University Place
Blanche G. O'Connor,	s. p., s. m.	*Syracuse*,	7 May Place

			City Address.
William Edward Palmer,	s. m.	*Matamoras, Pa.*,	610 Chestnut
Eliza Hamilton Pettit,	s. m.	*Wabash, Ind.*,	727 Irving
Grace Dwight Potter,	s. m.	*Syracuse*,	86 W. Onondaga
Effie Emiline Richards,	p.	*East Schuyler*,	21 Gazelle
Nellie King Riley,	s. m.	*Syracuse*,	33 Onondaga
Emma Matilda Robinson,	m.	*Hamilton, Can., A. Φ.*	Ch. H
Mary L. Robinson,	s. m., s. p.	*Clyde*,	324 Irving
Marcus Alexander Rolfe,	m.	*Oneida*,	623 Irving
Elizabeth Belle Ruland,	m.	*Syracuse*,	86 E. Jefferson
Ettie Deborah Sheldon,	s. p.	*Ellenburg Depot*,	157 Harrison
Sarah Silverstein,	s. m.	*Syracuse*,	1 May Place
Evangeline Smith,	s. p.	*Syracuse*,	103 S. Geddes
Belle Swarthout Snow,	s. p., s. m.	*Syracuse*,	167 E. Genesee
John Erwin Squier,	s. m.	*Syracuse*,	648 Chestnut
Hattie Lois Stackhouse,	m.	*Syracuse*,	102 Harrison
George Keiser Statham,	s. m.	*North Fork, Pa.*,	210 Madison
Ida Amanda Stone,	s. p.	*Potsdam, A. Φ.*	Chap. House
Mary Gilbert Taber,	s. m.	*Syracuse*,	212 E. Fayette
Maude Sophia Tackabury,	s. m.	*Canastota*,	100 Seymour
Anna Pomeroy Terry,	s. m.	*Syracuse*,	214 E. Genesee
Helen Jane Thomson,	s. p.	*Fayetteville*,	741 Chestnut
Edward Allen Thurber,	s. m.	*Syracuse*,	434 Chestnut
Clara Edith Titus,	s. m., s. p.	*Verona*,	42 Montgomery
Lida Catherine Wagner,	s. m.	*Franklinville*,	231 Madison
Helen Edith Wallace,	s. m.	*Syracuse*,	14 Greenway Place
Mary Olive Westcott,	s. p.	*Friendship*,	631 Irving
Pleasant Alice Whitbread,	s. m.	*Syracuse*,	31 Orange
Ella May Williamson,	s. m.	*Earlville*,	643 Irving
Kittie Cronkhite Wood,	m.	*North Urbana*,	26 Renw'k ave
Florence Rose Worster,	s. p.	*Syracuse*,	38 Lemon
Gordon Almond Wright,	s. m.	*Massena*,	141 Harrison
Alice Cordelia Young,	s. m.	*Syracuse*,	170 Madison

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged, as explained hereafter.

		City Address.
John Ernest Bates,	*Jordan*,	48 Fitch
Theodore Orville Beebe,	*Catchoque*,	610 Chestnut
Hannah Berwin,	*Syracuse*,	128½ Harrison
Charles Leonard Brownell,	*Nyack-on-the-Hudson*,	623 Irving
Aurice Marie Carey,	*Rome, Pa.*,	59 Montgomery
Maude Cleo Carrier,	*Fayetteville*,	41 E. Onondaga
Arthur Wellington Cullings,	*Cigarville*,	69 E. Castle
Minnie Elizabeth Curtis,	*Syracuse*,	9 Cedar
Carl Downing,	*Syracuse*,	12 Gazelle
Sarah Georgiana Dorsey,	*Bath*,	5 Marshall
Maude Helena Fay,	*Cazenovia.*	
Paul FitzGerald,	*Newark, N. J.*,	620 Chestnut
Hattie Sophia Gale,	*Syracuse*,	163 S. Salina
Kate Isabel Gardner, B. P.,	*Syracuse*,	154 Harrison
Anna Louisa Gerber,	*Syracuse*,	98 E. Washington
Elizabeth Hale,	*Skaneateles*,	741 Chestnut
Joseph Hamburger,	*Syracuse*,	138 E. Jefferson
Sarah Josephine Haydon,	*Syracuse*,	35 Avery ave
Edward Howe,	*Syracuse*,	142 E. Jefferson
Paul H. Hunter,	*Syracuse*,	12 Leon
May Gertrude Leete,	*Syracuse*,	613 Irving
Milton Miers Leiter,	*Syracuse*,	81 Warren
Margaret Irma Little,	*Syracuse*,	121 University ave
Estelle Rose Miller,	*Syracuse*,	30 Catharine.
Harriet Munroe,	*Belle Isle*,	731 Irving
Mary Newkirk,	*Syracuse*,	630 Chestnut
Ella Louisa Northrup,	*Ogdensburg*,	723 Chestnut
Clara Belle Orr,	*Syracuse*,	623 Irving
Mary Heffron Pettit,	*Wabash, Ind.*,	*Δ. Φ.* Chap. House
John Walrath Plant,	*Syracuse*,	18 Harrison
Charles Seabury Robertson,	*Galway*,	*Δ. T.* Chapter House
Ella Lydia Robinson,	*Brimfield, Ill.*,	81 University ave

		City Address.
Lillian Blanche Root,	*Cooperstown,*	725 Chestnut
Clara Daisy Sanford,	*Syracuse,*	Ostrom avenue
Leslie May Smith,	*Baldwinsville.*	
Minnie May Snyder,	*Canastota.*	
Delia Martha Stout,	*Virgil,*	19 Mulberry
Marietta Belle Swan,	*Belleville,*	23 University ave
Clara May Sweet,	*Cicero.*	
Violet Martha Telfer,	*Syracuse,*	620 Chestnut
Grace Truair,	*Syracuse,*	156 Cedar
Nettie Lydia Wilmot,	*Syracuse,*	169 Madison
George Lyman Wright,	*Cardiff.*	

Summary of Students.

College of Liberal Arts.

Post-Graduate Students,		76
Senior Class,	22	
Junior Class,	51	
Sophomore Class,	30	
Freshman Class,	80	
Unclassified,	26	—209

College of Medicine.

Third Year,	10	
Second Year,	7	
First Year,	15	—32

College of Fine Arts.

Post-Graduate Students,	1	
Senior Class,	8	
Junior Class,	21	
Sophomore Class,	37	
Freshman Class,	89	—156
Gymnasial Students in Music,		43
		516
Names repeated,		21
Total,		495

Degrees Conferred by the University

IN 1887.

Doctor of Laws.

Rev. Prof. Charles W. Bennett, D. D., - - Evanston, Ill.

Doctor of Divinity.

Rev. Wm. Cornforth, - - - - - Calais, France.
Rev Oscar A. Houghton, Ph. D., - - - Elmira, N. Y.
Rev. Alexander H. Tuttle, - - - - Wilkesbarre, Pa.
Rev. Melville R. Webster, - - - - Oswego, N. Y.

Doctor of Philosophy.

[Conferred only upon Examination.]

Prof. David W. Dennis, A. M., Richmond, Ind., - - Geology.
Rev. John Alonzo Fisher, A. M., Baltimore, Md., Ethical Philosophy.
Rev. Benjamin B. Loomis, A. M., Albany, N. Y., Christian Evidences.
Rev. Jacob E. Price, A. M., Scranton, Pa., - Physical Science.
Prof. Lewis Fuller Reid, A. M., Lakeville, Conn., Physical Science.
Prof. David Eugene Smith, M. Ph., Cortland, N. Y., Esthetics and Art History.
Prof. Henry Lewis Taylor, A. M., Chittenango, N. Y., - Greek.

Master of Arts.

Morgan K. Barnum, *in cursu*, Arthur Copeland, *in cursu*,
Richard N. Copeland, " Frank D. Corse, "
James Devine, " Edward C. Morey, "
Harley D. Wadsworth, " Frank R. Walker, "

Whiting S. Worden, *in cursu.*

Rev. Isaac N. Clemens, A. M., (Wes. Univ.) *ad eundem.*

Rev. Alfred Owen Smith, A. B., of Rotherham. England, *on examination*, in Christian Evidences.

Master of Philosophy.

George B. Deuel, *in cursu*, Charles M. Eddy, *in cursu*,
Annie G. Wirt, *in cursu.*

Master of Architecture.

Silas Gildersleeve Comfort, *on examination.*

Master of Painting

Izora Cecilia Chandler, *on examination.*

Bachelor of Arts.

Mary Dianthe Allis,
Elizabeth Sarah Bridgeford,
Walter Samuel Eaton,
William Young Foote,
Franklin James Holzwarth,
Charles Xerxes Hutchinson,
Josiah Hollister Lynch,
Frank Wilbur Merrick,
Emmons Harvey Sanford,
Eva Garnsey Seaman,
John Sidney Bovingdon,
Mary Lovina Collins,
Ezra George Eldredge,
Charles William Herman,
De Witt Spink Hooker,
George Washington Kennedy,
William Augustus Mehan,
Rose Edgerlie Pindar,
Carrie Elizabeth Sawyer,
Hamilton Terry.

Bachelor of Philosophy.

Margaret Ellen Caldwell,
Ambrose Charles Driscoll,
Jennie De Remer Thorburn,
William Ward Damon,
Eliza Leyden,
Phil. Ernest Turtelot,
Jennie Louisa Whitbread.

Bachelor of Science.

George Griswold Brower,
Clinton Donald McDonald,
Grace Bell Latimer.

Bachelor of Civil Engineering.

Ambrose Charles Driscoll,
Howard Dixon Mitchell.

Doctor of Medicine.

Edwin S. Butterfield,
Ernest N. Christopher,
Alfred G. Doust,
Hartman L. Oberlander,
William A. Curtin,
Charles E. Doubleday,
Arthur E. Mink,
Clara Smith,
William C. Todt.

Bachelor of Painting.

Ellen Florence Chamberlayne,
Agnes Emma Foster.

Bachelor of Music.

Caroline Hill Crawford,
Emilie Pughe,
Kate Cushing,
Jennie Emma Weller.

Alumni Association.

OFFICERS FOR 1887-88.

PRESIDENT,

WALTER A. BROWNELL, PH. D., - - Syracuse.

VICE-PRESIDENT,

CHARLES N. COBB, A. M., - Palatine Bridge.

SECRETARY AND TREASURER,

J. SCOTT CLARK, A. M., - - - Syracuse.

DIRECTORS

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JOSEPH H. ZARTMAN.

General Information.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are:

I. The College of Liberal Arts.
II. The College of Medicine.
III. The College of Fine Arts.

They are all open for the admission of women on the same terms as men.

GROUNDS AND BUILDINGS.

The Campus of fifty acres is beautifully situated in the south-east part of the city, and from its great elevation commands a view of the city and lake, and of the surrounding country for many miles.

The Hall of Languages is a beautiful cut lime-stone structure 180 by 96 feet, four stories in height. It is occupied at present by the College of Liberal Arts and the College of Fine Arts.

The Charles Demarest Holden Observatory, just completed, is built of rock-faced gray lime-stone. It is equipped with an eight-inch Alvin Clark Telescope, a three-inch reversible transit, comet-seeker, chronograph, clock, chronometer, &c. It is also fully provided with apparatus for meteorological observations.

A Fire-Proof Library Building, made necessary by the gift of the Von Ranke Library, is now being erected. It will be 80x90 feet with a capacity for 130,000 volumes. It will con-

tain bindery, cataloguing, packing, librarian and consulting rooms and will be completed by October, 1888.

Mr. John Crouse, of Syracuse, has formally signified his purpose to erect a large and beautiful College building, memorial to himself, and intended chiefly for the use of ladies. Work will soon begin upon it and it will be pressed to an early completion. The cost of this magnificent edifice will be not less than $300,000.

THE COLLEGE OF MEDICINE owns and occupies buildings suitable for its purposes near the centre of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. This relation neither interferes with their management nor imposes any burdens upon the University; but indicates a reciprocity of kind offices. The Students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz:

Hudson River Institute and Female College at Claverack; Cazenovia Seminary at Cazenovia; Ives Seminary at Antwerp; Onondaga Academy at Onondaga Valley; Yates Union School at Chittenango; and Genesee Wesleyan Seminary at Lima.

LIBRARIES.

The general library contains about 14,000 volumes and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University, on condition that a suitable fire-proof building be erected for it. It is expected to reach Syracuse in a few weeks.

The College of Medicine has a valuable professional library in its own building open to medical students.

MUSEUMS.

The University Museum possesses a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains.
2. An extensive lithologic collection representing all the leading types of rocks.
3. A collection of fossils illustrating especially the palæontology of New York State.
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds.
2. A considerable collection of alcoholic specimens, mostly of Invertebrates.
3. A collection of shells with abundant representation of nearly all molluscan families.
4. A collection of insects.

In Botany a well ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University has about $350,000 of productive endowment, besides the amount pledged, but not yet paid, by the

annual conferences. Six conferences have each undertaken to endow a Professorship in sums varying from $40,000 to $50,000, and have all secured more or less of the sums pledged.

The net value of the entire University property is about $1,100,000.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship on which the University agrees to expend forever the accruing interest in paying the tuition of worthy, needy students. About thirty of these scholarships have been established.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Civil Engineering Course, *Bachelor of Civil Engineering;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Courses of Study, published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

NON-RESIDENT AND SPECIAL STUDENTS.

DEGREES.—Occasionally persons of scholarly pursuits who have not completed a course of study in any college desire, nevertheless, to obtain a degree which may properly represent their attainments. To meet this desire, the appropriate degree

is offered to any person not less than twenty-eight years of age who gives evidence on examination of having fully mastered any course of study in the College of Liberal Arts or in the College of Fine Arts. No substitutions which would lessen the required standard will be allowed. The work prescribed must be thoroughly accomplished. Correspondence with the Professors will elicit full information as to the work required in each department. Persons intending to apply for examination on these conditions will inform the Secretary of the Faculty at least four weeks before Commencement. The charge for such examinations will be the same as for one year's tuition, with the usual matriculation and graduation fees.

CERTIFICATES.—Applications are sometimes received from persons desiring to pursue a course of study without reference to a degree. It has been deemed advisable to furnish to applicants, on correspondence with the Faculty, such courses of study as are suited to the needs and qualifications in each case. This provision, however, is limited to persons not less than twenty five years of age. The course may be pursued as entirely non-resident or the candidate may present himself at the University and enter such classes as he may be qualified to enter, or make such arrangements for instruction as may suit the convenience of the several professors. Certificates will be given showing the amount and character of the work done. The usual matriculation fee will be required, and the tuition will be at the usual rates and the fee for a certificate, $5.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting Trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the Faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5.00 is required of all on admission.

In the College of Liberal Arts, the term bills, including all fees (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used), are $20.00 per term; to sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, *if it should appear to be necessary, in order to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving college. Fee for graduation $20.00.

In the College of Fine Arts the charges are: tuition, $100 a year; ($33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20 00.

Term bills must be settled at the opening of each term. Students can be admitted to classes only upon presentation of a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board, with furnished room, can be obtained in the city for from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week, and others rent rooms and board themselves at a still less expense. Further information relating to board may be obtained on application to Prof. J. S. Clark, 127 University avenue.

College of Liberal Arts.

TERMS.

The next collegiate year begins on Monday, the 17th of September, 1888, and the first three days are devoted to examinations for entrance. The first term consisting of fourteen weeks, ends on the Friday before Christmas week, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term of the year contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, including a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German for Greek in the Freshman year, and other subjects for that language in the other years.

The Scientific Course, in the place of Latin and Greek substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Course in Civil Engineering special attention is given to mathematics in which a thorough training necessarily pre-

cedes and is essential to a good knowledge of engineering. This course is intended to give the student also such instruction in the theory and practice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is somewhat larger.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1). English Grammar.—

(2). Geography.—Ancient and Modern, Political and Elements of Physical.

(3). History.—*United States; Roman*, to the end of the third Punic War.

(4). Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, to quadratic Equations, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent.

(5). Natural Philosophy.—Dr. J. Dorman Steele's text book or its equivalent.

(6). Latin.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues*, and six books of the *Æneid*, with special reference to the prosody; Allen and Greenoughs's *Latin Composition*, part first complete.

(7). Greek.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad; Greek Composition*, first twenty sections of Boise's Greek Prose Composition.

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin-Scientific Course are examined in the studies required for the Classical Course, excepting the Greek.

3. Candidates for the Scientific Course are examined in English Grammar, Geography, History, Mathematics and Natural Philosophy, the same as for the Classical Course; and also in one of the Latin authors there required.

4. Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course except Latin; and are also required to have attained such proficiency in drawing as may be acquired by one year's study.

II. To Advance Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. For Unclassified Students.

Students who do not desire to complete any of the regular courses of study, may select such studies and attend such classes as their qualifications permit. They are expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

EXAMINATIONS FOR ADMISSION.

Entrance examinations will be held in 1888 as follows: In *Latin*, Monday, June 25; in *Mathematics* and *Greek*, Tuesday, June 26; in other preparatory studies, Wednesday and Thursday, June 27 and 28. They will also be held in the same order on Monday, Tuesday and Wednesday, September 17, 18 and 19. The examinations will begin on Monday at 9 A. M.

TREATMENT OF SUBJECTS.

1.—English Literature

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text-books are retained and used.

Freshman Year; Welch's English Literature and Language, Vol. I.

Senior Year; Welch's English Literature and Language, Vol. II.

Senior Year; (Elective); Lectures on Literary Style and Composition, and English and American Classics.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar—as the constant reference manual—and Smalley's Latin Analysis—as an exercise in Etymology, designed to secure the vigilant study and correct analysis of Latin words.

Freshman Year: *First term*, Cicero, Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, Book I. or XXI.; Prose Composition; Roman History; and frequent exercise in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; Written translations of Juvenal, and exercises in reading Latin at sight.

Sophomore Year: *Second term*, Horace; Selections from the Odes, Epodes, Satires and Epistles; Roman History complete; Essays on Roman life, customs, dress, buildings, utensils,

economy, etc. Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul: Brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, Books X. and XII.: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

SENIOR YEAR: *First term*, (elective) Browne's, also Cruttwell's, with lectures on the origin and development of the Latin Language, and its early records and relics.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOLOGY and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors

read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Goodwin's Greek Grammar. *Second term*, Demosthenes on the Crown; Goodwin's Grammar; Arnold's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed; Arnold's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Plato's Apology and Crito; Boise's Greek Prose Composition; Goodwin's Moods and Tenses. *Third term*, Greek Tragedy; Goodwin's Moods and Tenses.

JUNIOR YEAR: *Third term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Literature (elective); *Second term*, Greek Tragedy (elective).

4.—MODERN LANGUAGES.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

GERMAN LANGUAGE; *First year*, Comfort's German Course, First German Reader, and thirty pages of the Larger German Reader; also forty exercises from the Jaynes-Otto German Course; *Second year*, Comfort's Large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

FRENCH LANGUAGE; *First year*, Otto's French Grammar, a French Comedy and La Petite Fadette, by George Sand; *Second year*, Demogeot's History of French Literature, and various classic dramas.

ITALIAN LANGUAGE; Fontana's Grammar, Giudici's Italian Literature, and various classic dramas.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's Complete)—Quadratic equations, calculus of radicals, theory of indeterminate coefficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE; *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's).—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin Scientific Courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin Scientific Courses, required in the Scientific Course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy, (Norton's)—[required in all the courses], elementary principles, determination of latitude, longitude, and time, precession, aberration, determination of the elements of a planet's orbit, eclipses, with the computation in full of an eclipse of the moon, with practical observatory work.

Students in the course in Civil Engineering devote an additional term in the Junior year to Calculus, and study Higher

Surveying and Geodesy. In the Senior year they take up Railroad Engineering and the Theory of Strains as applied to the construction of bridges and roofs; project some original engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6.—Chemistry and Physics.

Instruction in Physics is given by recitations and lectures.

Sophomore Year: *First term*, the laws of solids, liquids and gases; *Second term*, heat.

Junior Year: *First term*, light and electricity.

Chemistry is pursued in the Junior year; including the history of Chemistry and Chemical Philosophy; Stoichiometry and the univalent elements; the metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

7.—Geology, Zoology and Botany.

The work in this department is uniform in all courses; and is arranged as follows (elective studies in *italics*):—

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Sophomore.	———	———	General Biology, 2.
Junior.	*Botany*, 3.	*Botany*, 3.	*Zoology*, 3.
Senior.	*Zoology*, 3.	*Mineralogy*, 2	*Palæontology*, 3.
	Geology, 3.	*and Lithology*, 2.	

In the General Biology of the Sophomore year the student si led away from the routine study of books to the study of

natural objects; the preparation of a collection in some department of Natural History is required and above all the habit of close observation and the drawing of objects seen are rigidly insisted upon.

In Botany the laboratory method is used, each student studying with the aid of simple and compound microscopes typical forms of plant life ranging from the *Myxomycetes* to the *Phanerogamia*. Bessey's *Essentials of Botany* is used as a guide with abundant reference to the larger works of Bessey, De Bary, Gray, Goodale, Sachs and others. The work of the first term involves besides general principles, the study of types of fungi, algæ, mosses and liverworts. The work of the second term is devoted more especially to the ferns, their allies, and the Phanerogams. Students desiring advanced work in Botany can make arrangements with the professor in charge of the department.

In Zoology a similar course is pursued, using for a guide Colton's *Practical Zoology* with abundant reference to the works of Packard, Brooks, Claus and others. The dissection of typical forms and the study of specimens in hand is made a feature of the work.

Winchell's *Geological Studies* is used as a text for the work in General Geology required in all courses. The work of the second term in Mineralogy and Lithology, and of the third term in Palæontology is more special and is conducted largely in the laboratory with specimens in hand.

8.—History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text book.

Freshman Year: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed

in their principles and application. During the third term, Rawlinson's Ancient History is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

SOPHOMORE YEAR: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the causes, development and consequences of the crusades; the Medieval Literature, etc. During the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text-book, during the second term, lectures are given on the Comparison of French and English Government prior to 1789. Throughout the year, dissertations and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts, during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing three

hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions at the hands of the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of enunciation. In Gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

Freshman Year: *English Criticism*—Clark's Practical Rhetoric. *Elocution*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone quality, Utterance, Pitch, Force, Time, and slides, using Dickens' Christmas Carols for practice and

illustration. *Essays*—Three original essays per term of not less than five hundred nor more than seven hundred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part, before the class.

SOPHOMORE YEAR: *English criticism.*—Minto's English Prose Literature, together with class work on the essays. *Elocution.*—*First term*, Bacon's Manual of Gesture with notes on Delsarte; *Second term*, three miscellaneous declamations delivered before the class; *Third term*, declamations of prescribed character, delivered and criticised before the class.

Essays.—Three each, in *first* and *third terms* of not less than seven hundred nor more than one thousand words on subjects assigned. During the *second term* the declamations take the place of the essays. At the close of this year selections are made from those who then evince the most progress in declamation to represent the class in a public *Elocutionary Rehearsal.*

JUNIOR YEAR: *Elocution.*—*First term*, Declamations of prescribed character delivered and criticised before the class; *Second* and *third terms*, Extempore speaking. *Orations.*—One each term, of not more than one thousand words, after private rehearsal is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.*—*Second term*, Analysis of English Prose Masterpieces. One original oration of at least one thousand words is rehearsed and delivered at a Senior Exhibition in the chapel within the first two terms; a like oration is required from each member of the class on the first of May, from which selections are made for delivery at commencement.

II.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

The text-books in use are as follows:—

JUNIOR YEAR: Porter's Elements of Intellectual Science.

SENIOR YEAR: *Second term*, Mahan's *History of Modern Philosophy*: *Third term*, (elective) do. completed.

Bowen's Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR: *First term*, Calderwood's *Moral Philosophy*; *Third term*, Hopkins' *Evidences of Christianity*.

13.—JURISPRUDENCE AND POLITICAL ECONOMY.

SENIOR YEAR: *First term*, Political Economy, and General Principles of Jurisprudence (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are al o required to regularly attend the Sabbath morning church service.

Parallel Courses of Study.

Note.—Numerals indicate the number of class exercises per week. Studies in Roman letters are required; those in Italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
FRESHMAN YEAR.	First Term.	Algebra, 4. Hygiene, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. F. H. Drawing from Patterns, 2,(4). English Criticism, 1. Elocution, 1.
	Second Term.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H. Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	Third Term.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Architectural Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.	FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Perspective Drawing, 3, (6). Lettering. 2, (4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. German, 1. Physics, 3. Orthographical Projections, 2. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
	THIRD TERM.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1. *Elocution*, 1. *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.	Biology, 2. Calculus, 4. Surveying, 3. German, 3. English Criticism, 1. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.	FIRST TERM.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3.	French, 4. Calculus, 4. Topographical Drawing, 2, (4). *Elocution*, 1. *Logic*, 4. *English Revolutions*, 2. *Botany*, 3, (6). *Physics*, 3.
	SECOND TERM.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Ang.o-Saxon*, 1. *German Literature*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Descriptive Geometry, 3. *Elocution*, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
	THIRD TERM.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *English Tongue*, 2. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Greek Comedy*, 3. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.	French, 2. Chemistry, 2. Mechanics, 5. Geodesy, 2. Descriptive Geometry, 2. *Elocution*, 1. *Psychology*, 4. *History of Education*, 1. *German Literature*, 2. *English Tongue*, 2. *Zoölogy*, 3.

PARALLEL COURSES OF STUDY—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3.	Moral Philosophy, 4. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3 (6). *Zoölogy*, 3.	Road Engineering, 4. Geology, 3. Strength of Materials and Engineering Construction, 5. Structural Drawing, 2, (4). *Moral Philosophy*, 4. *Esthetics*, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Zoölogy*, 3.
	SECOND TERM.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Greek Tragedy*, 3. *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 2.	Art History, 1. History of Philosophy, 3. English Literature, 5. Philosophy of History, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Art History, 1. History of Philosophy, 3. Philosophy of History, 1. English Literature, 5. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*. 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.	Bridges and Roofs, 4. Structural Drawing, 4, (8). English Literature, 5. *Art History*, 1. *History of Philosophy*, 3 *Philosophy of History*, 1. *Rhetoric*, 2. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Mineralogy*, 2. *Bible History and Ethics*, 3.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *History of Philosophy*, 3. *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.	Stability of Structures, etc., 4. Constitutional Law, 3. Proj. Draw'g with Specifications, 5. THESIS. *Christian Evidences*, 5. *Art History*, 1. *History of Civilization*, 3. *History of Philosophy*, 3. *Analytical Chemistry*, 3, (6). *Geology*, 3. *French Literature*, 2. *Italian Renaissance*, 3.

College of Medicine.

There are two systems of medical education in vogue in this country. One system opens its inviting arms, without discrimination, to every applicant for medical honors, whether he be the well-trained and science-loving student, or an adventurer fresh from the forest, the anvil or the stable, whose whole literary education consists in a slight and perhaps contemptuous acquaintance with the three Rs.

This system requires the student to hear lectures every day on all the branches taught, the most advanced as well as the elementary. It compels him to listen to lectures on surgery, pathology, therapeutics and obstetrics, while as yet he knows not a syllable of anatomy, physiology and materia medica. It obliges him to waste many an hour every day of his scant first course in hearkening to what he cannot fully comprehend, when these hours are all needed in studies which are pre-requisite. Its second, which is its final course of lectures, is a repetition of the first, with very slight variations; the same actors reciting the identical parts which they rehearsed the year before.

Its first compulsory examination to test the faithfulness, ability and memory of the pupil is at the close of this twice-told course; and this examination is not infrequently so brief and superficial as to be of necessity, almost worthless. The great men of the profession, who were subjected to this system, became eminent not as a result of this system but in spite of it.

A better system with severe requirements would have given them a better start, and would also have excluded a horde of incompetent and dangerous pretenders from the profession.

This better system of medical education, the natural or graded one, is no longer a dreamy speculation. It has been fairly tested, and it has been found efficient. Those who know it best give it the heartiest approval. Its requirements for matriculation are, or should be, more and more exacting every year.

Its written and oral examinations are frequent and thorough. Its yearly and final ordeals are very searching, but the students who have brains, application and faithfulness come through triumphantly. Even those whose natural capacity is not great, succeed remarkably. Under a natural system their mental growth is rapid and astonishing. At the last they seldom fail, because their time has been husbanded and properly employed; because their studies have been interesting and delightful, inasmuch as they have been thoroughly comprehended and mastered every step of the way.

These two systems of medical education may be contrasted briefly thus:

In one case; no preliminary examination; only two short courses of lectures required, the second identical with the first; the novice required to attend lectures on every subject every day, neglecting preliminary work because the time which might have been devoted to it has been worse than wasted in hearing learned lectures which he was not prepared to understand; valuable clinical and laboratory opportunities wasted; no examinations to advance to higher grades, for there are no grades; a final examination which is so superficial in many instances as to be little better than a farce, and whose meshes are large enough to let mediocrity and inferiority, as well as the superiority, which is always present, pass through with greatest ease.

In the other case; preliminary examinations which require a certain, even if insufficient, preparation; three years of training at the college, the novice beginning at the beginning; all his time employed in hearing and doing what he can and should understand; his capability and progress tested in each department by weekly oral and monthly written examinations; his advance from grade to grade checked if his fitness be not established; thorough clinical and laboratory work; searching yearly

examinations; and a final examination, which, although of great severity, does not, except in rare instances, result in rejection, because the student has been educated in a way which accords with nature and does not violate it.

The Faculty of the College of Medicine of Syracuse University have thoroughly tested both plans of medical education. An acquaintance with the defective old plan from personal experience, and a trial of the natural, graded system, with a careful observation of its results, for fifteen years, have fairly qualified them to judge of the comparative merits of each method.

They unanimously and heartily commend the graded plan as vastly superior in all respects to the unnatural, cramming system—or want of system—so generally in vogue. Instead of rapid distention, it secures assimilation and healthy growth. It may have few attractions for that multitude who seem more anxious to obtain, early, a diploma than to deserve one; but it has proved of greatest practical value to that smaller number of faithful and dilligent workers who were determined to earn success whether they achieved it or not.

COURSE OF STUDY.

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology and Botany.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynecology, Forensic and State Medicine, Ophthalmology and Clinics.

First year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both terms. Second year students take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy, and it is designed to equip a Physiological Laboratory in the near future. A large part of the student's time during the first

year is spent in Laboratory work upon these fundamental branches.

Three or more clinical lectures are given weekly. Some have thought that as Syracuse is not a metropolitan city, it can offer little in the way of clinical opportunities. This may have been so years ago; it is not so now. St. Joseph's Hospital and the House of the Good Shepherd generously open their wards to the medical college. Clinics are conducted, not in a colossal amphitheatre where most of the students are practically out of sight and hearing, but at close quarters so that every detail of examination and operation is made plain to every student.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery, are not expected to attend clinics; by so much, the opportunities of advanced students who do attend are bettered.

THE COLLEGE YEAR

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two Terms, about equal in length.

The first term of the next College Year begins Tuesday, October 4th, 1887, and ends on the second Tuesday of February, 1888. The second term commences on the day following, and ends on the second Thursday of June, 1888.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

EXAMINATIONS, &C.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. The regular examinations are held in the following order: All students who enter for the regular course, are required to give evidence of a fair preliminary education. Those not bringing certificates from acceptable sources are examined in the common English branches. This preliminary examination is held at the

College on the opening Tuesday evening in October at 7 o'clock. Examinations are also held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a board of Censors who are not members of the Faculty, appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, with thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Anatomy, 1st year, $5.00; Tuition for each year, $80.00; for Graduation, $25.00. If payment is made for the three years in advance, the charge will be after matriculation, $200.00. Children of *regular* physicians and the children of clergymen may avail themselves of a reduction of one quarter from the above yearly rate. Students from other departments of the University are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment of college dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates of this College have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

TEXT-BOOKS.

ANATOMY—Quain. PHYSIOLOGY—Landois. CHEMISTRY—Attfield. PRACTICE—Flint. SURGERY—Bryant. MATERIA MEDICA and THERAPEUTICS—H. C. Wood; Bartholow. OBSTETRICS—Lusk. CHILDREN—J. Lewis Smith. HISTOLOGY—Klein. HYGIENE—Wilson. PATHOLOGY—Green.

PRIZES.

Two prizes are conferred annually by the College. The first is given to that student who has the highest average general grade for the entire three years of study.

The second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500, paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000, paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, William T. Plant, M. D., Syracuse, N. Y.

College of Fine Arts.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and
2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

At present, courses of instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as early as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the Course in Painting, with

the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, *i. e.*, those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See Calendar.)

An Annual Exhibition of the works of Art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

An Annual concert is given by the students in Music, on the last Monday evening of the collegiate year. Other concerts are given from time to time during the year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music.* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music, without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

Graduates in the above courses of study who have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in their respective branches of Art; examination in an approved course of reading in Esthetics and in the history of their respective arts; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

COURSES OF STUDY.

The following schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from Patterns, 5. Drawing from the Solid, 3. Algebra, 4. German Language, 3.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 4.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 3 Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Solids, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 3. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. History of Fine Arts in Outline, 1. Modern History, 3. French Language, 3. Chemistry, 4.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 2. Shades and Shadows, 2. Geometry, 4. German Language, 3.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. History of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 2. Modern History, 2.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from the Flat, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Drawing from Nature, 3. Water Color Painting 5. Drawing from Casts, 2. German Language, 3, Medieval History, 2.	Oil Painting, 5. Drawing from Casts, 3. Modeling, 2. Esthetics, 1. French Language, 4.	Oil Painting, Landscape, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Italian Language, 2. Political Economy, 3. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Solids, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Water Color Painting, 5 Artistic Anatomy, 5. Animal Drawing, 2. Modern History, 3.	Oil Painting, 5. Drawing from Casts, 2. Etching, 3. History of Fine Arts in Outline, 1. English Literature, 3. Chromatology, 2.	Oil Painting, Figure, 5. Drawing from Life, 4. Decorative Art, 2. History of Sculpture, 1. Italian Language, 2. Descriptive Geology and Lithology, 3. Two Essays on Art.
THIRD TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Casts, 2. Drawing from Nature, 3. German Language, 5. Ancient History, 2.	Water Color Painting, 5. Drawing from Nature, 3. Modeling, 3. Botany, 3. Modern History, 2.	Oil Painting, Landscape, 5. Drawing from Life, 5. History of Fine Arts in Outline, 1. Photography, 2. Physics, 3.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

Course in Music.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Piano, 2. Cultivation of the Voice, 1. Theoretical Rudiments, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1. Chorus Singing, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Medieval History, 2. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Chords and Figuration, 2. French, 4.	Piano, 2. Polyphonic Forms Mus. Comp., 1. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Quartette Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. German or Physics, 3. Esthetics, 1. Two Essays on Art.
Second Term.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Modern History, 3. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Smaller Forms of Musical Comp., 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
Third Term.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. German Language, 5.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Organ, 1. Smaller Forms of Musical Comp., 2. French, 2. Elocution, 1. English Criticism, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 1. Recital, 1. Ensemble Playing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. Graduating Thesis.

SUBJECTS AND METHODS OF INSTRUCTION

IN

ARCHITECTURE AND PAINTING.

The course of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domains of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the course of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold after the same arbitrary method.

FREEHAND DRAWING.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and precision in delineating and executing designs. Freehand

Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, Indian ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time

is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Moulds, and of making casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press, the property of the University.

PHOTOGRAPHY.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. Instruction is given at the studio of the instructor having charge of this department. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in this art, for a large portion of the study assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

ESTHETICS.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

HISTORY OF THE FINE ARTS.

A course of lectures is given upon the History of the Fine Arts in outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in human history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

CLASSICAL MYTHOLOGY AND ARCHÆOLOGY.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student will present two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts; written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting, and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An Esthetic Society has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

SUBJECTS AND METHODS

—OF—

INSTRUCTION IN MUSIC.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violoncello, cornet or clarinet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are hygiene, physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

THE PIANO.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, Köhler's Practical Piano School or Jacques Schmidt's Erster Lehrmeister is used. Also studies by Loeschhorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn op. 65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the work of other masters suitable to this grade.

Sophomore Year. Heller op. 45 and 46; Czerny op. 740, Books I and II; Bach 2 Voiced Inventions; Loeschhorn op. 38; Köhler's Appeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, Books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos

by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners, the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., Selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jaques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student: Dussek's Sonatas for Piano with added Violin part, Sonatas for Piano and Violin by F. Schubert; Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by F. Hüllweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David Alard, De Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of the Organ, the students will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used supplemented with compositions of the German, French and English Schools.

An excellent Pipe Organ, built by Johnson & Son, has recently been placed in the University Chapel, upon which instruction is given, thus affording students ample opportunity for the study of this instrument.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panofka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which every student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of Music, embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in Classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue are used. Instruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

History of Music.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

Euterpe Society.

The students of music have organized a Euterpe Society, which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read, and musical selections are rendered by the members.

Professional Concerts.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

Teaching.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience under the supervision of the Faculty.

CALENDAR.

1888.

January	10,	*Tuesday*, Winter Term begins.
"	26,	*Thursday*, Day of Prayer for Colleges.
February	9,	*Thursday*, 8 P. M., Senior Orations.
"	14,	*Tuesday*, First Term of the College of Medicine ends.
"	15,	*Wednesday*, Second Term of the College of Medicine begins.
March	8,	*Thursday*, 8 P. M., Senior Orations.
March 30, April	3,	*Friday—Tuesday*, Term Examinations.
April	3, 4,	*Tuesday, Wednesday*, Supplementary Examinations.
April	10,	*Tuesday*, Spring Term begins.
May	1,	*Tuesday*, Seniors present their Commencement Orations.
June	6–8,	*Wednesday—Friday*, Final Examinations of Seniors.
"	14,	*Thursday*, Second Term of the College of Medicine ends.
"	19–21,	*Tuesday—Thursday*, Term examinations.
"	21, 22,	*Thursday, Friday*, Supplementary Examinations.
"	21,	*Thursday*, 8 P. M., Elocutionary Rehearsal of Sophomore Class.
"	24,	*Sunday*, 10½ A. M., Baccalaureate Sermon.
"	25–27,	*Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.

June 25, *Monday*, 9 A. M., Entrance Examinations—Latin
2 P. M., Class Day Exercises.
8 P. M., Annual Musical Soirée.
" 26, *Tuesday*, 9 A. M., Entrance Examinations—Mathematics.
10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
2 P. M., Entrance Examinations—Greek.
7½ P. M., Literary Meeting of Alumni Association in the Chapel.
" 27, *Wednesday*, 9 A. M., Entrance Examinations—English Grammar and Modern Geography.
2 P. M., COMMENCEMENT.
" 28, *Thursday*, 9 A. M., Entrance Examinations—Natural Philosophy.
10½ A. M., Entrance Examinations—United States History.
Summer Vacation begins.
September 17–19, *Monday*,—*Wednesday*, Entrance Examinations in the same order as in June.
" 20, *Thursday*, Fall Term begins. Students assemble in Chapel at 9:30 A. M.
October 2, *Tuesday*, First Term of the College of Medicine begins.
" 30, 31, *Tuesday*, *Wednesday*, Examinations for Rank.
November 15, *Thursday*, 8 P. M., Senior Orations.
November 29, December 1, *Thursday*—*Saturday*, Thanksgiving Recess.
December 13, *Thursday*, Senior Orations.
" 18–20, *Tuesday*—*Thursday*, Term Examinations.

December 20, 21, *Thursday*, *Friday*, Supplementary Examinations.

" 21, *Friday*, Fall Term ends. Holiday Recess begins.

1889.

January 8, *Tuesday*, Winter Term begins.

" 31, *Thursday*, Day of Prayer for Colleges.

February 7, *Thursday*, 8 P. M., Senior Orations.

" 12, *Tuesday*, First Term of the College of Medicine ends.

" 13, *Wednesday*, Second Term of the College of Medicine begins.

March 7, *Thursday*, 8 P. M., Senior Orations.

March 29–April 2, *Friday*—*Tuesday*, Term Examinations.

April 2, 3, *Tuesday*, *Wednesday*, Supplementary Examinations.

" 9, *Tuesday*, Spring Term begins.

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EIGHTEENTH

Annual

OF THE

SYRACUSE UNIVERSITY.

1888-89.

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FOR THE

COLLEGIATE YEAR

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Receiver of College Dues.

L. M. UNDERWOOD,
Curator of the Museum.

Students.

POST-GRADUATES.

(CANDIDATES FOR PH. D.)

Rev. George E. Ackerman, A. M., S. T. B.,	Warsaw, N. Y.
Prof. Isaac M. Agard, A. M.,	Rockville, Conn.
Prof. Wilbur W. Alden, M. S.,	Paterson, N. J.
Rev. George W. Andrews, A. B.,	Dalton, Mass.
Rev. Amos A. Arthur, A. B.,	Churchtown, Pa.
Rev. George A. Barrett, A. M.,	Plattsburgh, N. Y.
Rev. Francis E. Beck, A. B.,	Du Bois, Pa.
Prof. Anna L. Benham, B. Ph.,	Mansfield, Pa.
Charles E. Boynton, B. S., M. D.,	Onondaga, N. Y.
Prof. Mary C. Bradford, B. Ph.,	Rutland, Vt.
Prof. Charles C. Brill, A. M.,	Northfield, Vt.
Prof. William A. Broadhurst, B. Ph.,	Mansfield, Pa.
Rev. Robert Burns, B. Ph.,	Washington, Ont.
Prof. Wm. H. Butts, A. M.,	Orchard Lake, Mich.
William P. Cantwell, A. B.,	Malone, N. Y.
Rev. Gustav A. Carstensen, A. M.,	Erie, Pa.
Prof. Francis J. Cheney, A. M.,	Kingston, N. Y.
Prof. Cornelia M. Clapp, M. Ph.,	Montague, Mass.
Rev. Joseph G. Cleveland, A. B.,	Sendai Miyagi Ken, Japan.
Rev. Frank H. Coffran, A. B.,	Worcester, N. Y.
Rev. William J. Crothers, A. B.,	Ottawa, Ont.
Prof. Abial Brown Davis, B. Ph.,	Salamanca, N. Y.
Prof. Stephen T. Dial, A. B.	Milford, O.
Prof. Charles R. Dryer, A. M.,	Fort Wayne, Ind.
Rev. John W. Duffy, A. M.,	Orange Valley, N. J.
Prof. John G. Dunlop, A. B.,	Hamamatsu, Japan.

Prof. Wilbert P. Ferguson, A. B., B. D., Mount Pleasant, Iowa.
Rev. Oscar L. Fisher, A. M., - - Denver, Col.
Rev. James Fraser, A. B., - - Las Vegas, N. M.
Rev. Matthew W. Gilbert, A. B., - Nashville, Tenn.
Rev. Amos E. Griffith, M. Ph., B. D., Colfax, Iowa.
Rev. George Goul, A. M., - - Pine Grove, Pa.
Prof. William R. Granger, A. B., - Philadelphia, Pa.
Prof. Frederic A. Hall, A. M., - - Springfield, Mo.
Prof. William E. Hamilton, A. M., - Indianola, Iowa.
Rev. Johnson Henderson, A. B., - - Pictou, N. S.
Prof. Walter S. Hendrixson, B. S., - Yellow Springs, O.
Rev. Joseph D. Herron, A. B., - New Castle, Pa.
Prof. Jane S. Higham, A. M., - - Rome, N. Y.
Rev. Marion W. Hissey, B. S., - - Pomeroy, O.
Prof. W. Newton Holmes, A. B., - - Staunton, Va.
Rev. Franklin J. Holzwarth, A. M., Manlius Station, N. Y.
Prof. Lewis E. Horning, A. B., - - Cobourg, Ont.
Rev. Frank S. Houser, M. S, - Painted Post, N. Y.
Prof. Ray G. Huling, A. M., - - Fitchburg, Mass.
Prof. Leigh R. Hunt, A. M., - - Little Falls, N. Y.
Rev. William Jones, A. B., - - Berlin Heights, O.
Charles S. Kathan, A. B., - Ballston, N. Y.
Rev. Matthias S. Kaufman, A. B., - Fall River, Mass.
Rev. John D. Kennedy, A. B., - Philmont, N. Y.
Prof. Carl R. Krone, B. Ph., - - Lincoln, Ill.
Rev. Egbert C. Lawrence, A. M., - Vernon, N. Y.
J. Frank Lemon, A. B., - - Cambridge, Mass.
Rev. Benjamin F. Liepsner, A. B., - Philadelphia, Pa.
Rev. David T. MacClymont, A. M., - Williamsport, Pa.
Edgar S. Maclay, A. M., - Brooklyn, N. Y.
Sara M. Maxson, M. Ph., - - Kent's Hill, Me.
Rev. Clinton D. McDonald, A. M., B. D., Thorold, Ont.
Rev. Gilbert G. McRobbie, A. M., - Ridgetown, Ont.
Rev. Clement W. Miner, A. M., - Cattaraugus, N. Y.
Rev. James C Nicholson, A. B., - - Baltimore, Md.
Rev. William E. Nies, A. B., B. D., - Brooklyn, N. Y.
Prof. Asahel W. Norton, A. M., - - Elmira, N. Y.
Prof. Edwin F. Norton, A. M., - - Olivet, Mich.

Prof. Thomas O'Hagan, A. M., - - Paisley, Ont.
Rev. Delevan D. Odell, A. M., - - Aurora, Ill.
Rev. Judson O. Perkins, A. M., - - Chittenango, N. Y.
Prof. Charles A. Pitkin, A. B., - Braintree, Mass.
Rev. Chester A. Place, A. B., - Scott City, Kansas.
Rev. Mason W. Pressly, A. B., - - Chester, S. C.
Cyrus A. Price, A. M., M. D., - Chicago, Ill.
Rev. Henry S. Rowe, A. B., - - Galway, N. Y.
Rev. Hiram R. Shoemaker, A. B., - Navarino, N. Y.
Rev. James Sifton, A. B., - - Oxford Centre, Ont.
Rev. Alfred O. Smith, A. M., - Rotherham, England.
Prof. Leo. A. Stäger, B. Ph., - Brooklyn, N. Y.
Prof. James S. Stevens, B. S., - - Havana, N. Y.
Rev. George E. Stockwell, A. M., - - Salem, N. Y.
Rev. Henry E. Swetzel, A. B., - - Scranton, Pa.
Prof. Ernest M. Taylor, A. M., - Montreal, Ont.
Prof. Joseph R. Taylor, A. M., - - Evanston, Ill.
Prof. Zachary P. Taylor, A. M., - Rochester, N. Y.
Frank H. Thatcher, M. Ph., - Aurora, Ill.
Flavel S. Thomas, A. M., M. D., Hanson, Mass.
Rev. James P. Thoms, A. M., - - Bradford, Pa.
Rev. John C. Thoms, A. M., M. D., - - Elyria, O.
Rev. Charles W. Thornton, A. B., - Mendota, Ill.
Prof. Franklin S. Thorpe, A. M., - Forestville, N. Y.
Prof. William C. Tifft, A. B., - - Memphis, N. Y.
Prof. Robert B. Warder, A. M., - Lafayette, Ind.
Norval Wardrop, M. Ap. Sc., - Detroit, Mich.
Rev. Horace E. Warner, A. B., B. D., Cedar Falls, Iowa.
Rev. Sylvanus B. Warner, A. B., - St. Paul, Minn.
Rev. Elliott S. White, A. B., - - Beallsville, Pa.
Rev. William C. Wilbor, A. M., - - LeRoy, N. Y.
Rev. David Winters, B. S., - - Williamsport, Pa.

SENIOR CLASS.

			City Address.
Allen Eli Atwater,	c.	*Throopsville*,	12 Gazelle
Wesley Hamilton Benham,	c.	*Penn Yan*,	500 Irving
Byron Briggs Brackett,	c.	*Hannibal*,	Δ. Υ. Chap. House
Horace William Britcher,	c. e.	*Syracuse*,	135 S. West
Mary Elizabeth Burdick,	c.	*Crown Point*,	Α. Φ. Chap. H
William Clark Burdick,	c.	*Crown Point*,	173 Adams
Frederic Newell Burritt,	s.	*Weedsport*,	529 Irving
Levi Snell Chapman,	c.	*Fayetteville*,	Δ. Υ. Chap. H
George William Church,	c.	*Massena*,	518 Irving
Stephen Stillman Cobb,	c.	*Marcellus*,	212 E. Fayette
William Bowers Crowley,	c.	*Syracuse*,	104 Midland ave
Frances Lusina Drake,	c.	*Syracuse*,	8 Slocum ave
Ernest Isaac Edgcomb,	c.	*Cortland*,	212 E. Fayette
Frank James Farrington,	c.	*La Fayette*,	216 E. Fayette
Nettie Gertrude Fuller,	c.	*Carthage*,	721 Chestnut
Joseph Lincoln Gillard,	c.	*Fairville*,	9 Marshall
Lyman Potter Hitchcock,	l. s.	*Warners*,	634 Chestnut
Orren Josiah Houghton,	s.	*North Bay*,	257 E. Fayette
John Daniel Keefe,	c.	*Oswego*,	255 E. Genesee
Fred De Land Leete,	c.	*Utica*,	613 Irving
Nellie Gray McIntyre,	c.	*Batavia*,	214 E. Genesee
William Howard McKenzie,	c.	*Newark, N. J.*	Δ. Υ. Chap. H
George Edward Merrill,	c.	*Newburyport, Mass.*	255 E. Ge
Mary J. O'Bryon,	l. s.	*Elmira*,	643 Irving
Charles Seabury Robertson,	c.	*Galway*,	Δ. Υ. Chap. H
John Brownell Rogers,	c.	*Red Creek*,	212 E. Fayette
Lowell Lincoln Rogers,	c.	*Red Creek*,	212 E. Fayette
Edwin Merritt Sanford,	l. s.	*Hedgesville*,	615 Chestnut
Hattie Travis Sanford,	l. s.	*Middletown*,	29 University Pl
Henry Orrin Sibley,	c.	*Royalton*,	182 Adams
Anna Hemans Smith,	c.	*Collamer*,	169 Madison
Anna Pomeroy Terry,	c.	*Syracuse*,	214 E. Genesee
Martin Henry Walrath,	c.	*St. Lawrence*,	210 Madison

NOTE—The letter c. indicates the Classical Course ; l. s., the Latin-Scientific ; g. s., the Greek-Scientific ; s. the Scientific; and c. e., the Civil Engineering Course.

			City Address.
Charles Lorenzo Walsworth,	c.	*Sing Sing*, *Δ. Υ.*	Chap. House
Nellie Maroa Wilmot,	c.	*Carthage*,	161 Madison
Nettie Lydia Wilmot,	c.	*Carthage*,	161 Madison
Gordon Almond Wright,	c. e.	*Massena*,	141 Harrison

JUNIOR CLASS.

Lucy Sophia Bainbridge,	c.	*Syracuse*,	160 Centre
Theodore Orville Beebe,	c.	*Cutchoque*,	610 Chestnut
Cora Ann Brackett,	c.	*Hannibal*,	*Δ. Φ.* Chap. H
James Simpson Clark,	c.	*Seward*,	3 Marshall
Ida May Cooley,	l. s.	*Syracuse*,	19 E. Castle
Everett Clayton Countryman,	s.	*Cuba*,	634 Chestnut
Carleton Clarence Curtiss,	c.	*Syracuse*,	353 Carbon
Albert Washington Emerson,	s.	*Bath*,	66 Renwick ave
Lena Carol Hammond,	s.	*Port Jervis*,	741 Chestnut
Charles Frank Hitchcock,	l. s.	*Warners*,	634 Chestnut
William A. Jenner,	c.	Clyde,	*Δ. Υ.* Chap. H
Israel Harris Levy,	l. s.	*Syracuse*,	114 Harrison
Frank Joseph Marion,	c.	*Syracuse*,	36 Gertrude
Minnie Adell Mason,	c.	*Geneseo*,	92 University ave
William Edward Palmer,	c.	*Matamoras, Pa.*,	610 Chestnut
Frank Mead Rooney,	s.	*Woodbridge, N. J.*,	529 Irving
Anna Grace Skinner,	l. s.	*Mexico*,	*Δ. Φ.* Chap. H
George Keiser Statham,	l. s.	*North Fork, Pa.*,	210 Madison
Julia Ward Stephens,	c.	*Syracuse*,	138 E. Fayette
Fannie Louise Thomas,	l. s.	*Mexico*,	*Δ. Φ.* Chap. H
William Harman Van Allen,	l. s.	*Camden*,	Marsh'l and Com. ave
Noble Earl Whitford,	c.	*Syracuse*,	2½ Slocum ave

SOPHOMORE CLASS.

Georgianna Atwood,	l. s.	*Herrickville, Pa.*,	92 Univ. ave
James Lynn Barnard,	s.	*Cooperstown*,	141 Harrison
Albert Dickerson Barnhart,	l. s.	*Cleveland, O.*,	630 Chestnut
Charles Howland Bassett,	c.	*Ansonia, Conn.*,	610 Chestnut
John Veranus Brownell,	c.	*Wilkesbarre, Pa.*,	35 Univ. ave
Harriet May Budd,	c.	*Syracuse*,	106 University ave

			City Address.
Menzo Burlingame,	l. s.	*East Springfield*,	210 Madison
Ella Lucinda Chapman,	s.	*Fayetteville*,	*A. Φ.* Chap. H
Mary Eliza Christy,	l. s.	*Allegheny, Pa.*,	232 Madison
Kate Christy,	l. s.	*Allegheny, Pa.*,	232 Madison
Charles Carhart Cook,	s.	*Syracuse*,	145 Lodi
Ellen Adusa Corse,	c.	*Mannsville*,	92 University ave
John C. Culligan,	c.	*Ithaca*,	105 University ave
Edward Devine,	s.	*Navarino*,	105 University ave
Earlman Fenner,	l. s.	*Center Lisle*,	35 University ave
Seymour Coe Ferris,	c.	*East Worcester*,	105 Univ. ave
Frederick Vining Fisher,	c.	*Brooklyn*,	617 Chestnut
Paul Fitz Gerald,	c.	*Minneapolis, Minn*,	620 Ch'tn't
Frank William Goreth,	c.	*Baldwinsville*,	105 Univ. ave
John Augustus Hamilton,	c.	*Moriah*,	10 McClellan
Benjamin F. Hammond,	c.	*Syracuse*,	71 Croton
Martha Naomi Hayden,	l. s.	*Syracuse*,	102 S. Beech
Frank Stannard Husted,	c. e.	*LeRoy*,	533 Chestnut
William Hosmer Ives,	c.	*Auburn*,	116 University ave
Van Evrie Kilpatrick,	c.	*Marathon*,	105 University ave
Carrie May Lathrop,	l. s.	*New Marlboro, Mass.*,	643 Irv
Ida Vill Lewis,	l. s.	*Lisle*,	*A. Φ.* Chap. House
Arthur Marvin,	c.	*Cooperstown*,	725 Chestnut
Jessie Eugenia McClelland,	s.	*Bloomington, Ind.*,	109 E. Fay
Francis Elliott Oliver,	l. s.	*Syracuse*,	102 University ave
Ada Belle Parker,	s.	*Port Gibson*,	23 Univ. ave
Jennie Upfold Pettit,	s.	*Wabash, Ind.*,	*A. Φ.* Chap. H
Mary Ella Reed,	l. s.	*Seneca Castle*,	3 Marshall
Edward Everett Samuel,	l. s.	*Remsen*,	*A. T.* Chap. House
Bertha Sabin Sawyer,	c.	*Syracuse*,	98 University ave
Edmund L. Shepherd,	c.	*Flemingville*,	84 Univ. ave
George Fletcher Shepherd,	c.	*Oswego*,	105 University ave
Avery Warner Skinner,	c.	*Mexico*,	*A. T.* Chap. House
Elmer Ellsworth Smith,	c.	*Dundee*,	255 E. Genesee
Lillie Scoresby Smith,	c.	*Ellenville*,	92 University ave
Horace E. Stout,	s.	*Plainfield, N. J.*,	620 Chestnut
Austianna Eliza Taylor,	c.	*Brooklyn*,	36 South ave
Charles Wesley Tooke,	c.	*Black River*,	120 Univ. ave
Frank David Torrey,	c.	*Vernon*,	*A. T.* Chap. House

			City Address.
Olin Sylvanus Twist,	c.	*Passaic, N. J.*,	610 Chestnut
Charles Henry Wheeler,	l. s.	*Branchport*,	615 Chestnut
Oscar Rogers Whitford,	c.	*Syracuse*,	2½ Slocum ave
Abbott Yates Wilcox,	c.	*Clifford*,	Δ. T. Chap. House
Frank Hoyt Wood,	c.	*Westbury*,	105 University ave
Joseph William Young,	l. s.	*Philadelphia, Pa.*,	94 Univ. av

FRESHMAN CLASS.

William Henry Adams,	c.	*De Witt*,	731 Irving
Kate Leora Abbott,	c.	*Syracuse*,	Madison and Cherry
Edward S. Allis,	c.	*Syracuse*,	106 Court
Charles Hubbard Ball,	s.	*LeRoy*,	533 Chestnut
Willard Henry Ball,	s.	*Syracuse*,	60 Bear
Howard J. Banker,	c.	*Schaghticoke*,	Δ. T. Chap. H
Thomas Stone Bell,	c.	*Jordan*,	Tallman and Rich
Mary Helen Birdseye,	l. s.	*Pompey*,	621 Chestnut
George Lawrence Bond,	c.	*Cazenovia*,	210 E. Fayette
George Morse Bowns,	c.	*Troy*,	Δ. T. Chap. H
Louis Dan Brainard,	c. e.	*Waterville*,	627 Chestnut
George Griffin Brownell,	l. s.	*Syracuse*,	125 University ave
Jacob Hagar Carfrey.	l. s.	*Milford, N. J.*,	615 Chestnut
Leon Alanson Carley,	c.	*Homer*,	212 E. Fayette
Harriet Elizabeth Caward,	s.	*Prattsburgh*,	643 Irving
Gertrude Chapman,	s.	*Syracuse*,	247 Madison
Howard Damon Chapman,	l. s.	*Lakeport*,	195 E. Fayette
Edwin Stancliff Churchill,	c.	*Springville*,	173 Adams
Dorr Raymond Cobb,	l. s.	*Ulysses, Pa.*,	634 Chestnut
George F. Cole,	s.	*Syracuse*,	24 Linden
Jennie Dennison Cooper,	s.	*Canandaigua*,	96 Univer. ave
David Francis Costello,	s.	*Fayetteville*,	340 Irving
Charles Squier Coulter,	c.	*Ferrisburgh, Vt.*,	150 Harrison
Warren Adolphus Davey,	l. s.	*Parish*,	Δ. T. Chap. H
Jesse Theodore Eddy,	c.	*Milford.*	
Emma Younglove Emerson,	s.	*Bath*,	66 Renwick ave
Frank Philip Estabrook,	c.	*Hoosick Falls*,	105 Univ. ave
William Morrison Fanton,	c.	*Danbury, Conn.*,	150 Harrison
George Hammond Ferguson,	c.	*Elmira*,	116 University ave

			City Address.
Albert Eaton Fitch,	c.	*Middletown Spa., Vt.*,	19 Uni. Pl
William Victor Flaherty,	c.	*Chittenango*,	61 Niagara
Edmund L. French,	l. s.	*Syracuse*,	36 South ave
Charles Willis Fyfe,	c.	*Franklin*,	212 E. Fayette
Marcus Louis Glazer,	s.	*Fair Mount, N. J.*,	533 Ch't
Otto Goebel,	c.	*New York*,	109 E. Fayette
Cecil Vaughn Gray,	s.	*Earlville*,	210 Madison
Frank Fellows Gray,	s.	*Elmira*,	202 Madison
Genevra Gwynn,	l. s.	*Throopsville*,	23 Univ. ave
Ella Mahala Hall,	s.	*W. Salisbury, Vt.*,	Irv. & R. av
Charles C. Hard,	l. s.	*Binghamton*,	105 Univ. ave
William Hartel,	c.	*Buffalo*,	173 Adams
Sarah Permelia Hawley,	s.	*Syracuse*,	53 E. Onondaga
Ernest Frederick Herman,	c.	*Fairville*,	9 Marshall
Frederick William Heroy,	c.	*Rhinebeck*,	109 E. Fayette
Grace Seely Hiller,	c.	*Middlebury, Vt.*	214 E. Fayette
Edward Lee Hollett,	c.	*Clifton Springs*,	629 Irving
James Leland Howard,	c.	*New York*,	610 Chestnut
William Hildrup Howe,	s.	*Cazenovia*,	289 Grape
Chester Janes Hoyt,	c.	*Highland*,	179 Adams
Louis Roberts Hunter,	l. s.	*Sterling*,	
Sherburn Cilley Hutchinson,	c.	*East Orange, Vt.*,	177 Adams
Olin Clay Kellogg,	c.	*Homer*,	9 Marshall
Annie May Knapp,	l. s.	*Binghamton*,	92 Univ. ave
Louis Philip Lang,	s.	*Syracuse*,	74 Catharine
Fred M. Lawrence,	l. s.	*Port Jervis*,	124 E. Fayette
Arthur Gordner Leacock,	c.	*Norwich*,	725 Chestnut
Mary Gertrude Leete,	l. s.	*Morrisville*,	721 Chestnut
William Dodge Lewis,	c.	*Canton*,	141 Harrison
Raymond Wright Lowry,	c.	*Green Grove, Pa.*	150 Harrison
Jessica Beatrice Marshall,	l. s.	*Waterloo*,	447 Irving
Mary Luella Masters,	s.	*Thornton, Ind.*,	23 Univ. ave
Stella Elizabeth McIntyre,	s.	*Clyde*,	96 University ave
Ina Delia Mercer,	l. s.	*Syracuse*,	40 Montgomery
Herbert Sumner Miller,	c.	*Avon*,	179 Adams
Frank Newkirk,	c. e.	*Syracuse*,	630 Chestnut
Louise Nicholson,	l. s.	*Jordan*,	447 Irving
Elliott Judd Northrup,	c.	*Syracuse*,	33 Greene

			City Address.
William Godfrey Noyes,	c.	*Diana*,	105 University ave
William Charles O'Donnell,	c	*Brooklyn*,	179 Adams
Eleanor Louise Orr,	c.	*Syracuse*,	128½ Harrison
Everett Partidge,	l. s.	*Edinburgh, Δ. Υ.* Chap. House	
Stephen Henry Payne,	s.	*Elmira*,	210 E. Fayette
Dee Wolcott Pierce,	s.	*Central Square*,	3 Douglass
Mary Sophia Pitkin,	c.	*Syracuse*,	38 Madison
Frank Le Roy Purdy,	c.	*Tonawanda*,	260 E. Genesee
Joseph Reynolds,	l. s.	*Watertown*,	78 University ave
James M. Rhodes,	s.	*Frankfort, Kan.*,	248 E. Gen
Jonas Merriam Rice,	c.	*Otisco*,	141 Harrison
Lepine Hall Rice,	l. s.	*Brookline, Mass.*,	179 Adams
Edward Dunbar Rich,	c. e.	*Marcellus*,	113 Delaware
Perthenia Weeks Root,	s.	*Cooperstown*,	725 Chestnut
Georgia Ross,	l. s.	*Amsterdam*,	741 Chestnut
William Henry Rowe,	l. s.	*Troy*,	630 Chestnut
Arthur Sylvester Ruland,	l. s.	*Syracuse*,	124 E. Fayette
James Brownleé Sanford,	s.	*Syracuse*,	29 University Place
Lewis Sauerbrei,	c.	*Dormansville*,	109 E. Fayette
Philip Frank Schneider,	l. s.	*Syracuse*,	53 Jackson
M. Elizabeth Scott,	s.	*Syracuse*,	136 Harrison
Adelbert Sheldon,	c. e.	*Royalton*,	105 University ave
Earl Dorman Shepard,	c.	*LeRoy*,	533 Chestnut
Fred Webster Sherwin,	s.	*Canton*,	141 Harrison
Charles Allen Smith,	c.	*Nelson*,	629 Irving
William Hemans Smith,	c.	*Collamer*,	169 Harrison
Frank Lincoln Stevens,	s.	*Syracuse*,	141 Harrison
Arthur Oscar Sykes,	c.	*Buffalo*,	260 E. Genesee
Violet Martha Telfer,	s.	*Syracuse*,	620 Chestnut
Mary S. Trowbridge,	s.	*Camillus*,	3 Searles Blk, Jeff.
Luther Ogden Wadleigh,	c.	*Potsdam*,	Mar'l and Com. ave
Frederick Hiram Watkins,	c.	*Pompey*,	210 E. Fayette
Frederick Grant Whitney,	c.	*Pulaski*,	105 University ave
Jessie Æolia Whyborn,	l. s.	*Syracuse*,	54 Lemon
Charles Frederick Wiley,	s.	*Syracuse*,	66 Greene
Helen Mabel Wood,	c.	*Savannah*,	96 University ave
Olin W. Wood,	l. s.	*No. Urbana*,	615 Chestnut
Joseph Arthur Wright,	c.	*Hagaman's Mills*,	Irv. & R. av

UNCLASSIFIED.

			City Address.
Sara Abell Beers,		*Rome*,	96 University ave
Mary Augusta Carpenter,		*Syracuse*,	131½ E. Genesee
Fannie Louise Case,	l. s.	*Rochester*,	613 Irving
Carey Roscoe Chester,	s.	*Schenevus*,	142 E. Jefferson
Hiram Lincoln Church,	c.	*Massena*,	518 Irving
Orator Fuller Cook,	c.	*Clyde*,	Marshall and Com. ave
Amy Isabel Cooper,	l. s.	*Syracuse*,	Walnut Pl
Alfred Darling Cushing,	c.	*Rochester*,	615 Chestnut
Henry Danziger,	l. s.	*Syracuse*,	141½ E. Genesee
Stella Jennie Dodge,	s.	*Middlebury, Vt.*	195 E. Gene'e
William Henry Dower,	l. s.	*Syracuse*,	205 Grape
Henry Wells Duguid,	l. s.	*Syracuse*,	110 E. Genesee
Clara May Eastman,	c.	*Belleville*,	168 Adams
Martin Luther Estey,	g. s.	*Palmyra*,	6 Raynor ave
Edwin Hall Gaggin,		*Erie, Pa.*,	260 E. Genesee
Verner Simpson Gaggin,		*Erie, Pa.*,	260 E. Genesee
John Adrian Gardner,	s.	*Andrews Settlement, Pa.*,	9 Marshall
Harry Joshua Hamlin,		*Saratoga Spa.*,	31 W. Castle
Charles Mynderse Herrick,	c.	*Syracuse*,	8 Kenyon Block
John Edward Hoick,	l. s.	*Oswego*,	9 Marshall
Everett Carlisle Johnson,		*Syracuse*,	3 Hoes Block
Mary Augusta Jones,	c.	*Lebanon, Ill.*,	72 Montgomery
Franklin Cheney Keyes,	l. s.	*Laurens*,	10 McClellan
Katharine McFall,	s.	*Montrose, Pa.*,	
Frank Lincoln Mead,	c.	*Kirkville*,	5 Monroe
Warner Abbott Miles,	c.	*Vesper*,	
Olin Coit Mirteenes,	s.	*Sparrowbush*,	216 E. Fayette
David Casler Monroe,	c.	*Cazenovia*,	422 Chestnut
Helcias de Oliveira,	c. e.	*San Paulo, Brazil*,	Empire House
Lewis R. Palmer,	s.	*Clyde*,	106 University ave
Eliza Hamilton Pettit,	l. s.	*Wabash Ind.*,	*A. Φ.* Chap. H
Samuel Seymour Phelps,		*Hannibal*,	236 Grape
Peter Frederick Piper,	s.	*Herkimer*,	210 Madison
Nellie King Reilay,	l. s.	*Syracuse*,	295 E. Washington

			City Address.
Edward Cosgrove Ryan,	l. s.	*Redwood*,	250 E. Washington
John Joseph Ryan,	l. s.	*Syracuse*,	98 Gifford
Mina Sakurai,		*Tokio, Japan*,	152 S. West
Isaac Schwartz,	c. e.	*Syracuse*,	116 Burnet
Fanny Amelia Sheldon,	s.	*Lowville*,	214 E. Genesee
J. Wilbor Somerville,	c.	*Johnsburgh, N. Y.*	Chap. House
M. Jennie Stevens,		*Danbury, Conn.*	
Frances McNaughton Stewart.		*Yates*,	168 Adams
Masayashi Takaki,	l. s.	*Yokohama, Japan, N. Y.*	Ch. H
William Summer Teall,		*Syracuse*,	61 E. Fayette
Judson L. Transue,	c.	*Liverpool.*	
Seward N. Transue,	c.	*Liverpool.*	
Charles Champion Tucker,	s.	*Pembroke, Ont.*,	202 Madison
Robert William Wilde,	s.	*Ripon, Wis.*,	630 Chestnut
Mary Eugenia Wright,		*Hagaman's Mills*,	Irv. & R. av

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

NELSON NIVISON, M. D.,
Emeritus Professor of Physiology and Hygiene.

HENRY D. DIDAMA, M. D., DEAN,
Professor of Science and Art of Medicine and Clinical Medicine.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D., TREASURER,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WM. H. DUNLAP, M. D., REGISTRAR,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., LIBRARIAN,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D.,
Professor of Ophthalmology and Otology.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

NATHAN JACOBSON, M. D.,
Lecturer on Laryngology and Clinical Surgery.

ARTHUR B. BREESE, M. D.,
Lecturer on Histology.

HORACE D. BABCOCK, M. D.,
Lecturer on Physiology.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

AARON B. MILLER, M. D.,
Instructor in Gynecology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

HENRY H. PEASE, M. D.,
Instructor in Anatomy.

REUBEN C. HANCHETT, M. D.,
Instructor in Materia Medica.

FRED W. SEARS, M. D.,
Instructor in Histology.

FRANK E. BROOKS, M. D.,
Instructor in Physiology.

CENSORS.

S. M. HIGGINS, M. D., Memphis.
J. N. ARNOLD, M. D., Clyde.
ISAAC N. GOFF, M. D., Cazenovia.

Students.

THIRD YEAR.

		City Address.
Eleanor McAllister,	*Newburgh,*	745 Chestnut
Nathan A. Monroe,	*Auburn,*	331 Irving
Arthur B. Rood,	*South Cortland,*	313 Lemon
Allen M. Smith,	*Syracuse,*	29 Holland

SECOND YEAR.

Theresa L. Bannan,	*Syracuse,*	141 Marcellus
S. Boyce Crayton,	*Spartanburg, S. C.,*	83½ James
Wm. H. May,	*Syracuse,*	126 E. Fayette
Chas. E. McLean,	*Syracuse,*	85 Prospect ave
Nicholas L. Mulvey,	*Camillus,*	Coll. of Medicine
John C. Shoudy,	*Syracuse,*	333 W. Genesee
Wm. A. Strohmenger,	*Auburn,*	313 Lemon
James Touhey,	*Monterey,*	38 E. Fayette
Frank A. Welch,	*Syracuse,*	Grant ave. n. Ridgeway
Walter J. Werfelman,	*Syracuse,*	2 University ave

FIRST YEAR.

Charles H. Benson,	*Syracuse,*	192 Montgomery
W. H. Dower,	*Syracuse,*	205 Grape
J. H. Dunn,	*Liverpool,*	Coll. of Medicine
Fred. S. Fay,	*E. Onondaga,*	Coll. of Medicine
W. C. Gallagher, Jr.,	*Slaterville,*	Coll. of Medicine
Elizabeth C. Gilkison,	*Brooklyn,*	193 James
Wm. B. Harlow,	*Syracuse,*	14 E. Castle
George T. Head,	*Syracuse,*	3 Kennedy

		City Address.
Charles F. Hitchcock,	*Warners,*	634 Chestnut
Charles P. Lynch,	*Syracuse,*	71 James
Adelbert W. Marsh,	*E. Syracuse,*	Coll. of Medicine
Luella M. Masters,	*Thornton, Ind.,*	92 University ave
Warner A. Miles,	*Vesper,*	123 Gifford
Herbert C. Pharis,	*Syracuse,*	21 Emerson ave
Frank J. Rupp,	*Syracuse,*	66 McBride
C. W. Stryker,	*Syracuse,*	1 Sabey Place

UNCLASSIFIED.

Frank M. Arnold,	*Gilbertsville,*	167 E. Fay'te
W. B. Christopher,	*Whitney's Point,*	63 Mulb'ry
Patrick J. Cody,	*Syracuse,*	66 Ulster
Carlos V. J. Doolittle,	*Paris,*	Coll. of Medicine
Merritt B. Kingsley,	*Rome,*	College of Medicine
M. Sheldon Lord,	*Smithville,*	331 Irving
Hamilton W. Swift,	*Syracuse,*	31 Fayette Park

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, A. M., DEAN,
Professor of Esthetics and of the History of the Fine Arts.

WILLIAM H. SCHULTZE, MUS. D.,*
Musical Director and Professor of Theory and Practice of Music.

NEWTON A. WELLS, M. P.,
Professor of Drawing and Water Color Painting.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting and Modeling.

FREDERICK C. LYFORD, B. P.,
Instructor in Perspective and Freehand Drawing.

ALBERT KUENZLEN,
Instructor upon the Violin and Piano.

*Deceased.

Students.

POST-GRADUATES.

			City Address.
Kate Stella Burr, B. Mus.,	m.	*Syracuse,*	158 S. Salina
Ruth E. Guibault, B. Mus.,	m.	*Syracuse,*	106½ Harrison
Charlotte N. Hardee, B. Mus.,	m.	*Cazenovia.*	
Minnie B. Harrington, B. P.,	p.	*Syracuse,*	180 E. Adams

SENIOR CLASS.

Nellie Elvena Angell,	p., s. m.	*Ilion,*	92 University ave
Kate Armistead Crawford,	m.	*Syracuse,*	*A. Φ.* Chap. H
Mary Amelia Day,	p.	*Waterloo,*	92 University ave

JUNIOR CLASS.

Conrad Louis Becker,	s. m.	*Vine Valley,*	275 E. Genesee
Sylvia Hortense Bliss,	s. m.	*Calais, Vt.,*	27 East Avenue
Emma Brigham,	s. m.	*Syracuse,*	88 S. Salina
Ellen Louisa Bryant,	m.	*Shekomeko,*	741 Chestnut
Margaret May Clarke,	s. m.	*Elbridge,*	731 Irving
Lucian Adalbert Davison,	p.	*Cigarville,*	22 Cedar
Carrie May Dixson,	m.	*Syracuse,*	23 University ave
Charles Winfred Douglas,	s. m.	*Oswego,*	Coms'k av. c. Marshall
Alice Scott Dunn,	p., s. m.	*Syracuse,*	Dunn Park
Lettie Clarissa Farwell,	m.	*Franklinville,*	643 Irving

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m, the regular Course in Music. s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

			City Address.
Walter B. Hancock,	s. ar.	*Fargo, Dac.*,	105 Univ. ave
Harriet Jacobson,	s. m.	*Syracuse*,	29 E. Jefferson
Carrie Pauline Jennings,	s. m.	*Fulton*,	23 University ave
Ruth Kellogg Kingsley,	s. p.	*Syracuse*,	317 N. Salina
Anna E. Leonard,	p., s. m.	*Syracuse*,	230 Madison
George Thomas Lewis,	s. ar.	*Buffalo*,	317 Irving
Mabel W. McClelland,	s. m.	*Crawfordsville, Ind.*,	109 E. Fay
Alma Laura McMath,	m.	*Webster*,	99 Irving
Bertha Grace Oviatt,	s. p., s. m.	*Cleveland, O.*,	23 Univ. ave
Mary Amelia Smith,	p., s. m.	*Syracuse*,	232 Madison
Blanche Stevens,	s. m.	*Syracuse*,	143 E. Genesee
Grace E. Townsend,	m.	*Syracuse*,	204 Madison
Albert G. Vredenberg,	m.	*Mt. Vernon*,	648 Chestnut
Genette Wandell,	s. p.	*Phœnix*,	522 Chestnut
Anna Belle Webster,	m.	*Apulia*,	647 Irving
Florence A. Wright,	p., s. m.	*Syracuse*,	The Florence

SOPHOMORE CLASS.

Esther Harriet Avery,	s. p.	*Syracuse*,	228 Madison
Nellie Ruth Bainbridge,	p.	*Syracuse*,	160 Center
Burt LeGrand Bentley,	s. m.	*Homer.*	
Geneva Maud Brand,	s. m.	*Syracuse*,	27 Almond
Anna Louisa Brown,	p.	*Marathon*,	648 Chestnut
Grace Edith Cagwin,	s. p.	*Verona*,	92 University ave
Nettie May Campbell,	m.	*Seneca Castle*,	*A. Φ* Chap. H
Frank L. Chamberlain,	s. m.	*Syracuse*,	Nicholson Block
Jessie Ruth Coe,	s. p.	*Syracuse*,	192 E. Genesee
Edith F. Countryman,	p.	*Springville*,	248 E. Genesee
Marion Elizabeth Coville,	m.	*Syracuse*,	118 Lodi
Fanny May Cowles,	s. m.	*Georgetown.*	
Alton Eugene Darby,	s. m.	*Homer.*	
Mary Winona Dennis,	m.	*Syracuse*,	210 Madison
Zoë Worthington Fiske,	s. p.	*Ithaca*,	31 The Florence
Cornelia Comstock Green,	s. p.	*Syracuse*,	81 James
Gertrude M. Hamlin,	s. m.	*Hamilton, Pa.*,	19 Univ. Place
Elizabeth S. Keefe,	s. m.	*Oswego.*	
Jessie McCord,	s. m.	*Liverpool.*	

			City Address.
Harriet Maude Miller,	p.	*Syracuse,*	187 E. Genesee
Katharine Elizabeth Miller,	p.	*Syracuse,*	187 E. Genesee
Caroline Eliza Morton,	s. m.	*Hartfort, Ct.,*	59 Univ. ave
Jennie Munro,	s. m.	*Philadelphia,*	21 Gazelle
Mary Johnson Nash,	s. m.	*Cortland,*	33 Univ. Pl.
Blanche G. O'Connor,	s. p., s. m.	*Syracuse,*	7 May Place
Frances Electa Phillips,	s. m.	*Syracuse,*	328 S. Salina
Mary Lincoln Quivey,	s. m.	*Baldwinsville.*	
Lillian Blanche Root,	m.	*Cooperstown,*	725 Chestnut
Martha M. Schultze,	s. m., s. p.	*Syracuse,*	4 Greenway Place
Margaret Ann Sexsmith,	s. m.	*Syracuse,*	55 University ave
Sarah Silversteen,	s. m.	*Syracuse,*	1 May Place
Mary Louisa Slee,	p.	*Auburn,*	745 Chestnut
Ida Amanda Stone,	s. p.	*Potsdam,*	17 Univ. Place
Horace Stout,	s. m.	*Plainfield, N. J.,*	620 Chest't
Anna Pomeroy Terry,	s. m.	*Syracuse,*	214 E. Genesee
Mary Olive Westcott,	s. p.	*Perry,*	214 E. Genesee
Gordon Almond Wright,	ar., s. m.	*Massena,*	141 Harrison

FRESHMAN CLASS.

Clara Belle Alvord,	s. m.	*Cheyenne, Wyo.,*	63 Jackson
Elsa Lovina Ames,	p.	*Syracuse,*	26 Gazelle
Jennie Annable,	s. m.	*Syracuse,*	33 University Pl
Jeannette Elizabeth Atwell,	p.	*Syracuse,*	96 University ave
Blanche Rose Baxter,	s. p.	*Syracuse,*	273 E. Genesee
Verna Irene Beardsley,	s. m.	*Little Meadows, Pa.,*	Wal't Pl
Emma Godfrey Beasley,	p.	*Brooklyn,*	112 University ave
Williston Wesley Bissell,	m.	*Olean,*	533 Chestnut
Martha Pulver Boyd,	s. m.	*Sodus,*	23 University Place
Francis Fish Brewer,	s. p.	*Syracuse,*	618 Irving
Sarah Lillian Byington,	s. m.	*Fayetteville,*	6 Raynor
Lillian Byrnes,	m., s. p.	*Warners,*	114 University ave
Leon Alanson Carley,	s. m.	*Homer,*	212 E. Fayette
Grace Louise Carpenter,	p.	*Syracuse,*	229 Madison
Marcia Aurelia Carpenter,	m.	*Syracuse,*	284 E. Fayette
Martha Celette Carter,	p.	*Oneida,*	636 Irving
Fanny Louise Case,	s. p.	*Rochester,*	775 Irving

			City Address.
Alice Susan Colton,	s. p., s. m.	*Syracuse,*	10 Merriman ave
Emma Minerva Connell,	s. p.	*Fulton,*	43 McClellan
Ada Crabtree,	s. p.	*Syracuse,*	5 West Castle
May Louise Crouse,	s. m.	*Memphis,*	26 East Onondaga
Henry Danziger, Jr.,	s. m.	*Syracuse,*	141 E. Genesee
Stella Danziger,	s. m.	*Syracuse,*	82 Warren
Estella Verona Devine,	s. p. s. m.	*Binghamton,*	283 E. Genesee
Mina Ethelind Dewey,	s. m.	*Oneida,*	631 Irving
Frances Hart Dunn,	p.	*Syracuse,*	134 E. Genesee
Kate Ellis,	s. p.	*Laona,*	33 University Place
Edith Elizabeth Emens,	s. p.	*Fulton,*	37 Montgomery
Grace Lockwood Ferris,	m.	*De Witt,*	156 Harrison
Paul FitzGerald,	s. m.	*Minneapolis, Minn.,*	620 Ches't
Edwin Hall Gaggin,	ar.	*Erie, Pa.,*	260 E. Genesee
Vernon Simpson Gaggin,	ar.	*Erie, Pa.,*	260 E. Genesee
Marion Eselma Granger,	s. m.	*Syracuse,*	126 Marcellus
George Washington Gray,	m.	*East Springfield,*	336 Chestnut
Frances E. Gregory,	s. p., s. m.	*Geneva,*	204 Madison
Elizabeth Hale,	m.	*Skaneateles,*	255 E. Genesee
Albert Eugene Hall,	p.	*West Salisbury, Vt.,*	1 Irv. Pl
Joseph Hamburger,	s. m.	*Syracuse,*	138 E. Jefferson
Charles Lawrence Hamer,	s. m.	*Elmira,*	48 Castle
Inez Roxana Hamilton,	s. m.	*Syracuse,*	21 Yates Terrace
Minnie Hamilton,	s. p.	*Central Square,*	21 East ave
Susannah Clara Hatmaker,	s. m.	*Syracuse,*	3 Marshall
Mary Grace Hill,	s. p., s. m.	*Syracuse,*	55 East ave
Mary Alva Horton,	m., s. p.	*Syracuse,*	420 Irving
Myra Irene Husted,	m.	*Syracuse,*	55 Johnson
Everett Carlisle Johnson,	ar.	*Syracuse,*	3 Hoes Block
Jessie Edith Jones,	m.	*Rushville,*	636 Irving
Mary Augusta Jones,	m.	*Lebanon, Ill.,*	72 Montgomery
Minnie Eldred Kenyon,	s. p.	*Sherburne,*	522 Chestnut
Stella Frances Kingsley,	s. m.	*Syracuse,*	192 Gifford
Florence Adelle Larrabee,	m.	*Syracuse,*	638 Chestnut
Milton Meiers Leiter,	s. m.	*Syracuse,*	81 Warren
Mabel Kinne Lewis,	m.	*Solsville,*	621 Chestnut
Jessie Charlotte Lozier,	p., s. m.	*New York,*	112 Univ. Place
Harriet Smith Mead,	p.	*Syracuse,*	5 Monroe

			City Address.
Carrie Millen,	s. m.	*Syracuse*,	114 University ave
Cora Millen,	s. m.	*Syracuse*,	114 University ave
Louise Mitchell,	s. p.	*Weedsport*,	31 Univ. ave
Olive C. Moorhead,	m.	*Syracuse*,	636 Irving
Minnie Cass Morey,	p.	*Baldwinsville*,	438 Chestnut
Nellie Spellman Morgan,	m.	*Syracuse*,	2 Frazer Block
Clara Bell Orr,	m.	*Syracuse*,	128½ Harrison
Charlotte M. Packard,	s. m.	*Syracuse*,	47 McClellan
Mary Heffron Pettit,	m.	*Wabash, Ind.*,	*A. Φ.* Chap. H
Grace Dwight Potter,	s. m.	*Syracuse*,	110 W. Onondaga
Frank LeRoy Purdy,	s. m.	*Tonawanda, Pa.*,	260 E. Gen
Nellie King Reilay,	s. m.	*Syracuse*,	295 E. Washington
Charles S. Robertson,	s. m.	*Galway*,	*Δ. Υ.* Chap. H
Emma M. Robinson,	m.	*Hamilton, Can.*,	*A. Φ.* Chap. H
Marcus Alexander Rolfe,	m.	*Oneida*,	635 Irving
Kate Scott Rollo,	s. m.	*Syracuse*,	151 E. Onondaga
Elizabeth Belle Ruland,	m.	*Syracuse*,	124 E. Fayette
Grace Darrow Searle,	p.	*East Onondaga*,	28 E. Onon
Ettie Deborah Sheldon,	s. p.	*Ellenbury Depot*,	157 Harrison
Louise Allen Shrimpton,	p.	*Ridgway, Pa.*,	96 Univ. ave
Harriet Case Stacey,	s. m.	*Syracuse*,	103 E. Genesee
Hattie Lois Stackhouse,	m.	*Syracuse*,	102 Harrison
John Richard Stevens,	s. m.	*Tompsbury*,	648 Chestnut
Frederick Carl Straub,	s. ar.	*Syracuse*,	65 Spruce
Marietta Belle Swan,	s. m.	*Belleville*,	23 University ave
Jennie May Tenney,	s. p.	*Syracuse*,	32 Renwick ave
Clara Edith Titus,	s. m.	*Syracuse*,	42 Montgomery
Grace Gardner Truair,	s. m.	*Syracuse*,	156 Cedar
Margaret Tucker,	m.	*Philadelphia*,	255 E. Genesee
Helen Edith Wallace,	s. m.	*Syracuse*,	14 Greenway Place
Nina Weston,	m.	*Syracuse*,	21 Locust
Jeannette White,	s. p.	*Laona*,	33 University ave
Flora Amelia Whitney,	s. m.	*Clifton Springs*,	286 E. Gene
Nettie Lydia Wilmot,	s. m.	*Syracuse*,	161 Madison
Florence Rose Worster,	s. p.	*Syracuse*,	59 Lemon
Isabella Maria Yates,	s. m.	*Geddes*,	631 Irving
Alice Cordelia Young,	s. m.	*Syracuse*,	170 Madison

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged as explained hereafter.

		City Address.
Lizzie Chatfield Atwater,	*Throopsville,*	12 Gazelle
Hannah Berwin,	*Syracuse,*	128½ Harrison
Grace Pratt Bishop,	*Syracuse,*	21 Slocum ave
Emma Botzer,	*Syracuse,*	78 Seymour
Carey Roscoe Chester,	*Schenevus,*	142 E. Jefferson
Frederick Price Comfort,	*Syracuse,*	Vanderbilt House
Arthur Wellington Cullings,	*Cigarville,*	69 E. Castle
Cora Theresa Danziger,	*Syracuse,*	82 Warren
Gertrude Danziger,	*Syracuse,*	141 E. Genesee
Georgiana Dorsey,	*Bath,*	66 Renwick ave
Carl Downing,	*Syracuse,*	12 Gazelle
Anna Draper,	*Syracuse,*	7 St. Marks Square
Maude Helena Fay,	*Cazenovia.*	
Kittie May Foster,	*Syracuse,*	727 Irving
Hattie Sophia Gale,	*Syracuse,*	163 S. Salina
Genevieve Harrington,	*Syracuse,*	180 E. Adams
Sarah Josephine Hayden,	*Syracuse,*	35 Avery ave
Ella Marie Hewitt,	*Dagus Mines, Pa.,*	10 W. Adams
John Daniel Keefe,	*Oswego,*	255 E. Genesee
Josephine Percy Lalor,	*Syracuse,*	317 S. Salina
Hattie Lesser,	*Syracuse,*	139 Warren
Margaret Irma Little,	*Syracuse,*	121 University ave
Anna Grace McLeod,	*Syracuse,*	21 Grape
Jessie McKinley,	*Liverpool.*	
Estelle Rose Miller,	*Syracuse;*	30 Catharine
Harriet Munro,	*Bell Isle,*	731 Irving
Susan Isabella Myers,	*Syracuse,*	617 Chestnut
Mary Newkirk,	*Syracuse,*	630 Chestnut
Ella Louisa Northrup,	*Ogdensburg,*	725 Chestnut
Rose Oppenheimer,	*Syracuse,*	2 Rosenbloom Block
Edith Packard,	*Syracuse,*	McClellan
John Walrath Plant,	*Syracuse,*	28 Harrison
Lucetta Robinson,	*Tracy Creek,*	66 Renwick ave
Bertha Sabin Sawyer,	*Syracuse,*	98 University ave

		City Address.
Abbie Sherwood,	*Syracuse*,	247 Madison
Sarah Silverman,	*Syracuse*,	33 Cedar
Mabel Charlotte Stackhouse,	*Syracuse*,	102 Harrison
Delia Martha Stout,	*Virgil*,	19 Mulberry
Julia Adelaide Talbot,	*Syracuse*,	648 Irving
Ida Theresa Tanguay,	*Syracuse*,	64 Jackson
Grace Stella Thomas,	*Lafayette.*	
Lillian Bell VanHeusen,	*Syracuse*,	97 University ave
Jennie May Watson,	*Syracuse*,	198 E. Railroad
Myra Webb,	*Syracuse*,	105 Seymour
Charles Peters Wickwire,	*Oneonta*,	149 Cedar
Jessie Adelaide Williams,	*Syracuse*,	168 Madison
Dora Winterfield,	*Syracuse*,	130 Mulberry
Cora Blanche Worden,	*Syracuse*,	23 East Castle
George Lyman Wright,	*Cardiff.*	

Summary of Students.

College of Liberal Arts.

Post-Graduate Students,		96
Senior Class,	37	
Junior Class,	22	
Sophomore Class,	50	
Freshman Class,	105	
Unclassified,	49	—263

College of Medicine.

Third Year,	4	
Second Year,	10	
First Year,	16	
Unclassified,	7	—37

College of Fine Arts.

Post-Graduate Students,	4	
Senior Class,	3	
Junior Class,	26	
Sophomore Class,	37	
Freshman Class,	92	—162
Gymnasial Students in Music,		49
		607
Names repeated,		21
Total,		586

Degrees Conferred by the University

IN 1888.

Doctor of Divinity.

Rev. La Fayette Congdon, Ph. D., - - - Syracuse.
Rev. George H. Dryer, A. M., - - - - Medina.

Doctor of Philosophy.

[Conferred only upon Examination.]

Rev. Charles E. Babcock, A. M., Hannibal, N. Y., English Literature.
Prof. Thomas J. Bassett, A. M., Greencastle, Ind., - - Latin.
Prof. William M. Benson, A. M., Rochester, N. Y., Physical Science.
Alice Carter, M. Ph., Huntington, N. Y., - - - Botany.
Prof. Henrietta E. Hooker, M. Ph., South Hadley, Mass., Botany.
Prof. Nicholas Knight, A. M., Cazenovia, N. Y., - - Geology.
Rev. Archibald MacDougall, M. Ph., St. John, N. B., Ethical Philosophy.
Prof. Edward P. Smith, A. M., Worcester, Mass., Constitutional History.
Rev. Polemus H. Swift, A. M., Rockford, Ill., Christian Evidences.
Flora Ellis Wells, A. M., Syracuse, N. Y., - - English Literature.
Rev. John H. Willey, Milford, Del., - - Christian Evidences.

Master of Arts.

Horace A. Crane, *in cursu*,
Samuel G. Harris, "
Oscar C. Kinyon, "
Henry A. Peck, "
George W. Tackabury, "
Charles O. Dewey, *in cursu*,
W. Newton Holmes, "
Henry H. Murdock, "
Jay D. Stay, "
Frank H. Wood, "

[On Examination.]

Charles E. Babcock, A. B., Hannibal, N. Y., - English Literature.
Thomas J. Bassett, A. B., Greencastle, Ind., - - - Latin.
William M. Benson, A. B., Rochester, N. Y., - Physical Science.

Francis J. Cheney, A. B., Kingston, N. Y., - American History.
Oscar L. Fisher, A. B., Denver, Col., - - Christian Evidences.
Franklin J. Holzwarth, A. B., Manlius, N. Y., - - German.
Nicholas Knight, A. B., Cazenovia, N. Y., - - Geology.
Edgar S. Maclay, A. B., Brooklyn, N. Y., - American History.
Edwin F. Norton, A. B., Morrisville, N. Y., - - Metaphysics.
Edward P. Smith, A. B., Worcester, Mass., General History of the West.
Polemus H. Swift, A. B , Rockford, Ill., - Christian Evidences.
Flora Ellis Wells, A. B., Syracuse, N. Y., - - German.
William C. Wilbor, A. B., LeRoy, N. Y., - English Literature.

Master of Philosophy.

Jesse Lincoln Bronner, *in cursu*, Ida Esther Goldman, *in cursu.*

[On Examination.]

Alice Carter, B. Ph., Huntington, N. Y., - - - Botany.
Cornelia Maria Clapp, B. Ph., South Hadley, Mass., - Zoology.
Henrietta E. Hooker, B. Ph., South Hadley, Mass., - - Botany.
Archibald Mac Dougall, B. Ph., St. John, N. B., Ethical Philosophy.
John H. Willey, B. Ph., Milford, Del., - - English Literature.

Master of Science.

Martha Robinson Almy, *in cursu*, James Packard Mann, *in cursu.*

Bachelor of Arts.

Mary Ethel Abbott,
Frank Giles Banister,
Arthur Carey Connelly,
Elizabeth Louise Foote,
Cora Adella Harrington,
Newel Eugene Hulbert,
George Holmes Maxwell,
Wesley Amos Pratt,
George Irving Abbott,
Thomas Charles Blaisdell,
Milton Joseph Fletcher,
James Fraser,
Edward Emory Hill,
Edwin Clark Mason,
Lyman Crandall Pierce,
Howard Lincoln Rixon.

Bachelor of Philosophy.

Mary Cleveland Bradford,
Alice Carter,
Herbert Harry Hawkins,
Harry Grant Rowland,
Mary Frances Call,
Cornelia Maria Clapp,
Henrietta Edgcomb Hooker,
William George W. Schmidt,
William P. Westfall.

Bachelor of Science.

James Parker Becker,
Mary Brown Moore,
William Smith Murray,
Morgan Rich Sanford,
William Edward Blair,
John Herman Murray,
Eva Delia Clothilde Potter,
Frank Edwin Young.

Bachelor of Civil Engineering.

Frank Stephens Christy,
Frank Justus Schnauber,
Carlos d'Andrade Villares.

Doctor of Medicine.

Charles E. Boynton,
Leouie Hurlimann,
J. Davis Ozmun,
Robert J. Scott,
Daniel Connelly, Jr.,
Amelia D. Niven,
Emma A. Runnion,
Nelson A. Sloan,
James H. Schults.

Bachelor of Architecture.

Arthur Bridgman Clark.

Bachelor of Painting.

Florence May Farnham,
Myrta Leontine Kenaston,
Minnie Belle Harrington,
Frederick Carr Lyford.

Bachelor of Music.

Jessie Truesdell Peck,
Helen Mary Wardwell.

Alumni Association.

OFFICERS FOR 1888-'89.

PRESIDENT,

CARRIE I. SHEVELSON, A. M., '81, - Syracuse.

VICE-PRESIDENT,

THERON R. GREEN, A. M., '80, - - Syracuse.

SECRETARY AND TREASURER,

J. SCOTT CLARK, A. M., '77, - - Syracuse.

DIRECTORS,

WALTER A. BROWNELL,
LOUIS E. FULLER,
THERON R. GREEN,
BOYD McDOWELL,
R. DEWITT MUNGER,
CHARLES M. UNDERHILL,
J. SCOTT CLARK,
WILLIAM A. GERE,
OSCAR A. HOUGHTON,
CURTIS E. MOGG,
CARRIE I. SHEVELSON
MELVILLE J. WELLS,
JAMES W. WILSON

General Information.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are:

I. The College of Liberal Arts,

II. The College of Medicine,

III. The College of Fine Arts.

They are all open for the admission of women on the same terms as men.

GROUNDS AND BUILDINGS.

The Campus of fifty acres is beautifully situated in the south-east part of the city, and commands a view of the city and lake, and of the surrounding country for many miles.

The Hall of Languages is a beautiful cut lime-stone structure 180 by 96 feet, four stories in height. It is occupied at present by the College of Liberal Arts and the College of Fine Arts.

The Charles Demarest Holden Observatory, just completed, is built of rock-faced gray lime-stone. It is equipped with an eight-inch Alvin Clark Telescope, a three-inch reversible transit, comet-seeker, chronograph, clock, chronometer, &c. It is also fully provided with apparatus for meteorological observations.

A Fire-Proof Library Building, made necessary by the gift of the Von Ranke Library, is now nearly completed. It is 80x90 feet with a capacity for 130,000 volumes. It will con-

tain bindery, cataloguing, packing, librarian and consulting rooms, and will be completed by January, 1889.

Mr. John Crouse, of Syracuse, is now erecting a large and beautiful College building memorial to himself and family, and intended chiefly for the use of ladies. It will be completed by June, 1889. The cost of this great edifice when furnished will be about $500,000.

THE COLLEGE OF MEDICINE owns and occupies buildings suitable for its purposes near the centre of the city.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz:

Hudson River Institute and Female College at Claverack; Cazenovia Seminary at Cazenovia; Ives Seminary at Antwerp; Onondaga Academy at Onondaga Valley; Yates Union School at Chittenango; and Genesee Wesleyan Seminary at Lima.

LIBRARIES.

The general library contains about 14,000 volumes and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University, on condition that a suitable fire-proof building be erected for it. It has been received and will be placed on the shelves of the new library building in a few months.

The College of Medicine has a valuable professional library in its own building for the use of medical students.

MUSEUMS.

The University Museum possesses a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains,
2. An extensive lithologic collection representing all the leading types of rocks,
3. A collection of fossils illustrating especially the palæontology of New York State,
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds,
2. A considerable collection of alcoholic specimens, mostly of Invertebrates,
3. A collection of shells with abundant representation of nearly all molluscan families,
4. A collection of insects.

In Botany a well ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo-lithographs procured in Europe and America, together with a sufficient number of plaster preparations and copies to answer the demands of the course of instruction.

ENDOWMENT.

The University has about $400,000 of productive endowment, besides the amount pledged, but not yet paid, by the annual conferences. Six conferences have each undertaken to endow a Professorship in sums varying from $40,000 to $50,000, and have all secured more or less of the sums pledged.

The net value of the entire University property is about $1,100,000.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. About thirty of these scholarships have been established.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Civil Engineering Course, *Bachelor of Civil Engineering;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine*.

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Courses of Study, published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like all other citizens, to the laws and ordinances of the city.

EXPENSES.

A Matriculation fee of $5.00 is required of all on admission.

In the college of Liberal Arts, the term bills, including all fees (except an incidental one to students in the Chemical Laboratory, to defray the cost of material used), are $20.00 per term; to sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, *if it should appear to be necessary, in order to enable him to prosecute his studies without interruption*, accept his note for term bills, in the College of Liberal Arts, to be paid at his earliest convenience after leaving college. Fee for graduation $20.00.

In the College of Fine Arts the charges are: tuition, $100 a year; ($33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20.00.

Term bills must be settled at the opening of each term. Students are admitted to classes only upon presentation of a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board, with furnished room, can be obtained in the city for from $3.75 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week, and others rent rooms and board themselves at a still less expense. Further information relating to board may be obtained on application to Prof. J. S. Clark, 127 University avenue.

College of Liberal Arts.

TERMS.

The next collegiate year begins on Monday, the 16th of September, 1889, and the first three days are devoted to examinations for entrance. The first term consisting of fourteen weeks, ends on the Friday before Christmas week, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, including a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Scientific Course, in the place of Latin and Greek, substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Course in Civil Engineering special attention is given to mathematics in which a thorough training is essential to a good knowledge of engineering. This course is intended to give the student also such instruction in the theory and prac-

tice of Civil Engineering as will qualify him for immediate usefulness in the field and office in a subordinate capacity, and fit him to fill satisfactorily the higher positions in the profession, after a moderate amount of experience.

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is somewhat larger.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1). English Grammar.—

(2). Geography.—Ancient and Modern; Political and Elements of Physical.

(3). History.—*United States; Roman*, to the end of the third Punic War.

(4). Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, to quadratic Equations, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5.) Physics.—Dr. J. Dorman Steele's text book or its equivalent.

(6). Latin.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues*, and six books of the *Æneid*, with special reference to the prosody; Allen and Greenough's *Latin Composition*, part first complete.

(7). Greek.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad; Greek Composition*, first three chapters of Boise's Greek Prose Composition.

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin Scientific Course are examined in the studies required for the Classical Course, excepting the Greek.

3. Candidates for the Scientific Course are examined in English Grammar, Geography, History, Mathematics and Natural Philosophy, the same as for the Classical Course; and also in one of the Latin authors there required.

4. Candidates for the Course in Civil Engineering are examined in the same studies as for the Scientific Course except Latin; and must have attained such proficiency in drawing as may be acquired by one year's study.

II. To Advanced Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. For Unclassified Students.

Students who do not desire to complete any of the regular courses of study, may select such studies and attend such classes as their qualifications permit. They are expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

Examinations for admission will begin on Monday at 2 P. M.

TREATMENT OF SUBJECTS.

1—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English People and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text-books are retained and used.

Freshman Year: Welch's English Literature and Language, Vol. I.

SENIOR YEAR: Welch's English Literature and Language, Vol. II.

SENIOR YEAR; (Elective): Lectures on Literary Style and Composition, and English and American Classics.

2.—LATIN LANGUAGE AND LITERATURE.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar—as the constant reference manual—and Smalley's Latin Analysis—as an exercise in Etymology designed to secure the vigilant study and correct analysis of Latin words.

FRESHMAN YEAR: *First term*, Cicero, Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, Book I. or XXI.; Prose Composition; Roman History; and frequent exercise in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; Written translations of Juvenal, and exercises in reading Latin at sight.

SOPHOMORE YEAR: *Second term*, Horace; Selections from the Odes, Epodes, Satires and Epistles; Roman History complete; Essays on Roman life, customs, dress, buildings, utensils, economy, etc. Prosody is reviewed and constant attention given to scanning the metres of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul; brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, Books X. and XII.: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

SENIOR YEAR: *First term*, (elective) Browne's, also Cruttwell's, with lectures on the origin and development of t Latin Language, and its early records and relics.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY, and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Hadley and Allen's Greek Grammar. *Second term*, Demosthenes on the Crown; Boise's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed; Arnold's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Ploto's Apology and Crito; Boise's Greek Prose Composition; Goodwin's Moods and Tenses. *Third term*, Greek Tragedy; Goodwin's Moods and Tenses.

JUNIOR YEAR: *Third term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Literature (elective); *Second term*, Greek Tragedy (elective).

4.—Modern Languages.

As no preliminary study of these languages is required, it is necessary to commence with the rudiments. The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

German Language; *First year*, Comfort's German Course, First German Reader, and thirty pages of the Larger German Reader; also forty exercises from the Jaynes Otto German Course; *Second year*, Comfort's Large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

French Language; *First year*, Otto's French Grammar, a French Comedy and La Petite Fadette, by George Sand; *Second year*, Demogeot's History of French Literature, and various classic dramas.

Italian Language; Fontana's Grammar, Giudici's Italian Literature, and various classic dramas.

5.—Mathematics.

Freshman: *Algebra*, (Wentworth's College)—Quadratic equations, calculus of radicals, theory of indeterminate coefficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

Sophomore: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's).—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems

with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin Scientific Courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin Scientific Courses, required in the Scientific Course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy, (Norton's)—[required in all the courses], elementary principles, determination of latitude, longitude, and time, precession, aberration, determination of the elements of a planet's orbit, eclipses, with the computation in full of an eclipse of the moon, with practical observatory work. An advanced course with observatory practice may be elected for the entire Senior year.

Students in the course in Civil Engineering devote an additional term in the Senior year to Calculus, and study Higher Surveying and Geodesy. In the Senior year they take up Railroad Engineering and the Theory of Strains as applied to the construction of bridges and roofs; project some original engineering construction, giving details and specifications; and write criticisms upon engineering structures found in the vicinity.

6.—CHEMISTRY AND PHYSICS.

Instruction in Physics is given by recitations and lectures.

SOPHOMORE YEAR: *First term*, the laws of solids, liquids and gases; *Second term*, heat and light.

JUNIOR YEAR: *First term*, sound and electricity.

Chemistry is pursued in the Junior year; including the history of Chemistry and Chemical Philosophy; Stoichiometry and the univalent elements; the metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and at the close of the term the balance is returned.

7.—Geology, Zoology and Botany.

The work in this department is uniform in all courses; and is arranged as follows (elective studies in *italics*):—

	FIRST TERM.	SECOND TERM.	THIRD TERM.
Sophomore,	———	———	General Biology, 2.
Junior,	*Botany*, 3.	*Botany*, 3,	*Zoology*, 3.
Senior.	*Zoology*, 3.	*Mineralogy*, 2.	*Palæontology*, 3.
	Geology, 3.	*and Lithology*, 2.	

In the General Biology of the Sophomore year the student is led away from the routine study of books to the study of natural objects; the preparation of a collection in some department of Natural History is required and above all the habit of close observation and the drawing of objects seen are rigidly insisted upon.

In Botany the laboratory method is used, each student studying with the aid of simple and compound microscopes typical forms of plant life ranging from the *Myxomycetes* to the *Phanerogamia*. Bessey's *Essentials of Botany* is used as a guide. The larger works of Bessey, De Bary, Gray, Goodale, Sachs, are used for reference. The work of the first term involves besides general principles, the study of types of fungi, algæ, liverworts, and mosses. The work of the second term is devoted more especially to the ferns, their allies, and the Phanerogams. Students desiring advanced work in Botany can make

arrangements with the professor in charge of the department.

In Zoology a similar course is pursued, using for a guide Colton's *Practical Zoology* with abundant reference to the works of Packard, Brooks, Claus and others. The dissection of typical forms and the study of specimens in hand is made a feature of the work.

Winchell's *Geological Studies* is used as a text for the work in General Geology required in all courses. The work of the second and third terms is more special and is conducted largely in the laboratory with specimens in hand.

8.—History.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text book.

Freshman Year: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the third term, Rawlinson's Ancient History is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope and relative value are estimated.

Sophomore Year: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedanism; the causes, development and consequences of the crusades; the Medieval Literature, etc. During the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text book, during the second term, lectures are given on the Comparison of French and English Government prior to 1789. Throughout the year, dissertations and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

9.—ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts, during the second and third terms of the Senior Year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing three hours a week during the first term of the Sophomore year. Students in Civil Engineering are required to study drafting much more extensively.

10.—RHETORIC, ENGLISH CRITICISM AND ELOCUTION.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essays and oration manuscript in such form that they would, if published, require no corrections or additions at the hands of the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather

than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of enunciation. In Gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterward modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard. Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

FRESHMAN YEAR: *English Criticism*—Clark's Practical Rhetoric. *Elocution*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone quality, Utterance, Pitch, Force, Time and slides, using Dickens' Christmas Carols for practice and illustration. *Essays*—Three original essays per term of not less than five hundred nor more than seven hundred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part, before the class.

SOPHOMORE YEAR: *English criticism.*—Minto's English Prose Literature, together with class work on the essays. *Elocution—First term*, Bacon's Manual of Gesture with notes on Delsarte: *Second term*, three miscellaneous declamations delivered before the class; *Third term*, declamations of prescribed character, delivered and criticised before the class.

Essays.—Three each, in *first* and *third terms* of not less than six hundred nor more than eight hundred words on subjects assigned. During the *second term* the declamations take the place of the essays.

JUNIOR YEAR: *Elocution.—First term*, Declamations of prescribed character delivered and criticised before the class; *Second* and *third terms*, Extempore speaking. *Orations.*—One

each term, of not more than one thousand words, after private rehearsal is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.—Second term*, Analysis of English Prose Masterpieces. One original oration of about one thousand words is rehearsed and delivered at a Senior Exhibition in the chapel within the first two terms; a like oration is required from each member of the class on the first of May, from which selections are made for delivery at commencement.

11.—METAPHYSICS AND LOGIC.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in Classification, Argumentation and Method.

12.—ETHICS AND CHRISTIAN EVIDENCES.

In the department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

SENIOR YEAR: *First term*, Calderwood's *Moral Philosophy; Third term*, Hopkins' *Evidences of Christianity.*

13.—JURISPRUDENCE AND POLITICAL ECONOMY.

SENIOR YEAR: *First term*, Political Economy, and General Principles of Jurisprudence, (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

PARALLEL COURSES OF STUDY

NOTE.—Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.	CIVIL ENGINEERING.
FRESHMAN YEAR.	FIRST TERM.	Algebra, 4. Hygiene, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1	Algebra, 4. Hygiene, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Algebra, 4. Hygiene, 3. Physiography, 2. German, 3. F.H.Drawing from Patterns, 2,(4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiography, 2. German, 3. F. H. Drawing from Objects, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	THIRD TERM.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography. 2. German, 5. Ancient History, 2. Architectural Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Geometry, 4. Physiography, 2. German, 5. Ancient History, 2. Decorative Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY.—CONTINUED.

SOPHOMORE YEAR.

First Term.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Physics, 3. German, 3. Perspective Drawing, 3, (6). Lettering, 2, (4). English Criticism, 1. Elocution, 1.
Second Term.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 5. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. German, 1. Physics, 3. Orthographical Projections, 2. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
Third Term.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1. *Elocution*, 1. *Surveying*, 2.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.	Biology, 2. Calculus, 4. Surveying, 3. German, 3. English Criticism, 1.. Elocution, 1. Topographical Drawing, 2, (4).

PARALLEL COURSES OF STUDY.—CONTINUED.

JUNIOR YEAR.

First Term.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolution*, 2. *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Calculus, 4. Topographical Drawing, 2, (4) *Elocution*, 1. *Logic*, 4. *English Revolution*, 2. *Botany*, 3, (6). *Physics*, 3. *History of Eng. Language*, 1.
Second Term.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Botany*, 3. *Greek Comedy*, 3.	French, 3 Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Descriptive Geometry, 3. *Elocution*, 1. *History of French Revolution*, 2. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
Third Term.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *German*, 3. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Zoology*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *Zoology*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *History of Education*, 1. *German Literature*, 2. *Zoology*, 3. *Early English*, 1.	French, 2. Chemistry Mechanics, 5, Geodesy, 2. Descriptive Geometry, 2. *Elocution*, 1. *Psychology*, 4. *History of Education*, 1. *German Literature*, 2. *Zoology*, 3. *Early English*, 1.

SENIOR YEAR.

FIRST TERM.

History of Philosophy, 3.
Geology, 3.
Esthetics, 1.
Political Economy, 3.
Jurisprudence, 3.
French Literature or Italian, 2.
Greek Literature, 2.
Analytical Chemistry, 3, (6).
American Revolution, 1.
Roman Literature, 2.
Zoölogy, 3.
Astronomy, 2.

History of Philosophy, 3.
Geology, 3.
Esthetics. 1.
Political Economy, 3.
Jurisprudence, 3.
French Literature or Italian. 2.
Analytical Chemistry, 3, (6).
American Revolution, 1.
Roman Literature, 2.
Zoölogy, 3.
Astronomy, 2.

History of Philosophy, 3.
Geology, 3.
Esthetics, 1.
Political Economy, 3.
Jurisprudence, 3.
French Literature or Italian, 2.
Analytical Chemistry, 3, (6).
Zoölogy, 3.
Astronomy. 2.

Railroad Engineering, 4.
Geology. 3.
Strength of Materials and
Engineering Construction, 5.
Structural Drawing, 2, (4).
History of Philosophy, 3.
Esthetics, 1.
Political Economy, 3.
Jurisprudence, 3.
French Literature or Italian, 2.
Analytical Chemistry, 3, (6).
American Revolution, 1.
Zoölogy, 3.
Astronomy, 2.

SECOND TERM.

Moral Philosophy, 4.
Art History, 1.
English Literature, 5.
Philosophy of History, 1.
History of Philosophy, 3.
Rhetoric, 2.
French Literature or Italian, 2.
German Literature, 2.
Const. History of England, 2.
Analytical Chemistry, 2, (4).
Greek Tragedy 3.
International Law, 2.
Mineralogy, 2.
Astronomy, 2.
Bible History and Ethics, 3.

Moral Philosophy, 4.
Art History, 1.
English Literature, 5.
Philosophy of History, 1.
History of Philosophy, 3.
Rhetoric, 2.
French Literature or Italian, 2.
German Literature, 2.
Const. History of England, 2.
Analytical Chemistry, 2, (4).
International Law, 2.
Mineralogy, 2.
Bible History and Ethics, 3.
Astronomy, 2

Moral Philosophy, 4.
Art History, 1.
Philosophy of History, 1.
English Literature, 5.
History of Philosophy, 3.
Rhetoric, 2.
French Literature or Italian. 2.
Const. History of England, 2.
Analytical Chemistry, 2, (4).
International Law, 2.
Mineralogy, 2.
Bible History and Ethics, 3.
Astronomy, 2.

Bridges and Roofs, 4.
Structural Drawing, 4, (8).
English Literature, 5.
Moral Philosophy, 4.
Art History, 1.
History of Philosophy, 3.
Philosophy of History, 1.
Rhetoric, 2.
French Literature or Italian, 2.
Const. History of England, 2.
Analytical Chemistry, 2, (4).
International Law, 2.
Minera.ogy, 2.
Bible History and Ethics, 3.
Astronomy, 2.

THIRD TERM.

Art History, 1.
Christian Evidences, 5.
Constitutional Law, 3.
History of Civilization, 3.
German Literature, 2.
Analytical Chemistry, 3, (6).
Geology, 3.
French Literature, 2.
Italian Renaissance, 3.
Astronomy, 2.

Art History, 1.
Christian Evidences, 5.
Constitutional Law, 3.
History of Civilisation, 3.
German Literature, 2.
Analytical Chemistry, 3, (6).
Geology, 3.
French Literature, 2.
Italian Renaissance, 3.
Astronomy, 2.

Art History, 1.
Christian Evidences, 5.
Constitutional Law, 3.
History of Civilization, 3.
Analytical Chemistry, 3, (6).
Geology, 3.
French Literature, 2.
Italian Renaissance, 3.
Astronomy, 2.

Stability of Structures, etc., 4.
Constitutional Law, 3.
Proj. Draw'g with Specifications, 5.
THESIS.
Christian Evidences, 5.
Art History, 1.
History of Civilisation, 3.
Analytical Chemistry, 3, (6).
Geology, 3.
French Literature, 2.
Italian Renaissance, 3.
Astronomy, 2.

College of Medicine.

There are two systems of medical education in vogue in this country. One system opens its inviting arms, without discrimination, to every applicant for medical honors, whether he be the well trained and science-loving student, or an adventurer fresh from the forest, the anvil or the stable, whose whole literary education consists in a slight and perhaps contemptuous acquaintance with the rudiments of education.

This system requires the student to hear lectures every day on all the branches taught, the most advanced as well as the elementary. It compels him to listen to lectures on surgery, pathology, therapeutics and obstetrics, while as yet he knows not a syllable of anatomy, physiology and materia medica. It obliges him to waste many an hour every day of his scant first course in hearkening to what he cannot fully comprehend, when these hours are all needed in studies which are pre-requisite. Its second, which is its final course of lectures, is a repetition of the first, with slight variations.

Its first compulsory examination to test the faithfulness, ability and memory of the pupil is at the close of this twice-told course; and this examination is not infrequently so brief and superficial as to be of necessity, almost worthless. The great men of the profession, who were subjected to this system, became eminent not as a result of this system but in spite of it.

A better system with severe requirements would have given them a better start, and would also have excluded a host of incompetent and dangerous pretenders from the profession.

This better system of medical education, the natural or graded one, is no longer a dreamy speculation. It has been fairly tested, and it has been found efficient. Those who know

it best give it the heartiest approval. Its requirements for matriculation are, or should be, more and more exacting every year. Its written and oral examinations are frequent and thorough. Its yearly and final ordeals are very searching, but the students who have brains, application and faithfulness make a triumphant success. Even those whose natural capacity is not great, succeed remarkably. Under a natural system their mental growth is rapid and astonishing. At the last they seldom fail, because their time has been husbanded and properly employed; because their studies have been interesting and delightful, inasmuch as they have been thoroughly comprehended and mastered at every step of the way.

These two systems of medical education may be contrasted briefly thus:

In one case; no preliminary examination; only two short courses of lectures required, the second identical with the first; the novice required to attend lectures on every subject every day, neglecting preliminary work because the time which might have been devoted to it has been worse than wasted in hearing learned lectures which he was not prepared to understand; valuable clinical and laboratory opportunities wasted; no examinations to advance to higher grades, for there are no grades; a final examination which is so superficial in many instances as to be little better than a farce, and whose meshes are large enough to let mediocrity and inferiority, as well as the superiority, which is always present, pass through with greatest ease.

In the other case; preliminary examinations which require a certain, even if insufficient, preparation; three years of training at the college, the novice beginning at the beginning; all his time employed in hearing and doing what he can and should understand; his capability and progress tested in each department by weekly oral and monthly written examinations; his advance from grade to grade checked if his fitness be not established; thorough clinical and laboratory work; searching yearly examinations; and a final examination, which, although of great severity, does not, except in rare instances, result in rejection, because the student has been educated in a way which accords with nature and does not violate it.

The Faculty of the College of Medicine of Syracuse University have thoroughly tested both plans of medical education. An acquaintance with the defective old plan from personal experience and a trial of the natural, graded system, with a careful observation of its results, for fifteen years, have fairly qualified them to judge of the comparative merits of each method.

They unanimously and heartily commend the graded plan as vastly superior in all respects to the unnatural, cramming system—or want of system—so generally in vogue. Instead of rapid distention, it secures assimilation and healthy growth. It may have few attractions for that multitude who seem more anxious to obtain, early, a diploma than to deserve one; but it has proved of the greatest practical value to that smaller number of faithful and diligent workers who were determined to earn success whether they achieved it or not.

COURSE OF STUDY.

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology and Botany.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynecology, Forensic and State Medicine, Opthalmology and Clinics.

First year students receive practical instruction in Chemistry, with a course of Laboratory work extending through both terms. Second year students take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy, and it is designed to equip a Physiological Laboratory in the near future.

OUTLINE OF COURSES.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the

class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are the bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample conveniences of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been enabled to secure an abundance of anatomical material; so that now we can offer better advantages than ever before in this direction.

PHYSIOLOGY.—This branch is taught by means of recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demonstrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses, and reproduction. Almost no time is given to theories, but physiological facts are carefully studied, and actual functions demonstrated when possible.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by personal experiment. Medical chemistry and toxicology are taken up in the second year, and the subjects of urinary analysis, and detection of poisons, are thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week, five didactic or clinical lectures will be given, and in accordance with the practice in every other department, an entire hour will be devoted to a careful oral or written examination.

These examinations have been found not only to fix the scientific principles and their practical application in the mem-

ory of the student, by necessitating frequent and thorough reviews of the preceding lectures, but to enable the teacher to test the proficiency of each pupil to ascertain and correct misapprehensions, and to elucidate and enforce what had been imperfectly understood.

Step by step the diligent student—already well fitted by an entire year's thorough training in anatomy and physiology—is advanced through his two years' course in medicine; assimilation and not cramming being the object in view.

Diagnosis is not confined to a dry enumeration of unexplained symptoms; but, as far as practicable, the *rationale* of all signs and symptoms is given and the relation of each to the morbid anatomy.

When to give active treatment, when to watch and wait, and why each individual drug in the prescription is selected are carefully pointed out and explained.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city, where senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering there give a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the State. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in operations, and thus familiarize themselves with operative procedures.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observing and noticing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, where, with the additions that are from time to time being made it serves as an important means of instruction

OPTHALMOLOGY AND OTOLOGY.—The course of instruction in Opthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class will be required to examine and diagnose the cases.

Special attention will be drawn to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class, in diseases of the skin combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great medical centres of the country. St Joseph's Hospital containing one hundred and three beds, and the House of the Good Shepherd with forty five beds, constantly furnish abundant material for the medical and surgical clinics. At those hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity given to all members of the class to examine and study the cases personally.

The new maternity Hospital and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are bettered.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

BOOKS RECOMMENDED.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY—Quain	Gray, Weisse, Holden.
PHYSIOLOGY—Foster, 1st year	Kirke, Flint.
PHYSIOLOGY—Landois & Sterling, 1st ed., 2d year	
CHEMISTRY—Attfield, Tyson	Richter, Towne.
SCIENCE AND ART OF MEDICINE—Flint	Roberts Bartholow, Loomis, Strumpel Niemeyer.
SURGERY—Bryant	International Encyclopædia of Surgery.
MATERIA MED. AND THER.—Wood, H. C.	Bartholow, Brunton.
OBSTETRICS—Lusk	Playfair, Galabin.
GYNECOLOGY—Thomas	Emmet Munde.
DISEASES OF CHILDREN—Smith, J. Lewis	Meigs & Pepper, Goodhart, Money.
HISTOLOGY—Klein	Klein & Smith, Atlas of Histology.
PATHOLOGY—Green	Ziegler, Cornil & Ranvier, Wagner.
HYGIENE—Wilson	Parkes, Buck.
OPTHALMOLOGY—Nettleship	Wells & Meyer.
OTOLOGY—Roosa	Politzer.
DERMATOLOGY—Duhring	Fox, Bulkley, Kaposi.

THE COLLEGE YEAR

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length.

The first term of the College year begins Tuesday, October 2d, 1888, and ends on the second Tuesday of February, 1889. The second term commences on the day following, and ends on the second Thursday of June, 1889.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

EXAMINATIONS, &C.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. The regular examinations are held in the following order: All students who enter for the regular course, are required to give evidence of a fair preliminary education. Those not bringing certificates from acceptable sources are examined in the common English branches and in Latin in the first four books of Cæsar's Commentaries. This preliminary examination is held at the College on the opening Tuesday afternoon in October at 3 o'clock. Examinations are also held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a board of Censors who are not members of the Faculty, appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, with thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examination of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Anatomy, $5.00; Tuition for each year, $80.00; for Graduation, $25.00. If payment is made for the three years in advance, the charge will be $200.00. Chil-

dren of *regular* physicians and the children of clergymen may avail themselves of a reduction of one-half from the above tuition fees. Students from other departments of the University are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment of college dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates of this College have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in the city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

PRIZES.

Two prizes are conferred annually by the College; the first is given to that student who has the highest average general grade for the entire three years of study; the second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500, paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000, paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, W. H. Dunlap, M. D., Syracuse, N. Y.

College of Fine Arts.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

At present, courses of instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as early as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with

the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, i. e., those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See Calendar.)

An annual Exhibition of the works of Art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

An annual concert is given by the students in Music, on the last Monday evening of the collegiate year. Other concerts are given from time to time during the year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music;* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music, without the accompany literary studies, and when completed may receive a certificate under the seal of the University.

A graduate in either of the above courses who shall have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in his particular branch of Art; examination in an approved course of reading in Esthetics and in the history of his department of Art; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

COURSES OF STUDY.

The following schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from Patterns, 5. Drawing from the Solid, 3. Algebra, 4. German Language, 3.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 4.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 3. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Solids, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2 Water Color Painting, 2. Descriptive Geometry, 3. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. History of Fine Arts in Outline, 1. Modern History, 3. French Language, 3. Chemistry, 4,	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 2. Shades and Shadows, 2. Geometry, 5. German Language, 5.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. History of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 2. Modern History, 2.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5, Drawing from the Flat, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 3. Medieval History, 2.	Oil Painting, 5. Drawing from Casts, 3. Modeling, 2. Esthetics, 1. French Language, 4.	Oil Painting, Landscape, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Italian Language. 2. Political Economy, 3. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Solids, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Water Color Painting, 5. Artistic Anatomy, 5. Animal Drawing, 2. Modern History, 3.	Oil Painting, 5. Drawing from Casts, 2. Etching, 3. History of Fine Arts in Outline, 1. English Literature, 3. Chromatology, 2.	Oil Painting, Figure, 5. Drawing from Life, 4. Decorative Art, 2. History of Sculpture. 1. Italian Language, 2. Descriptive Geology and Lithology, 3. Two Essays on Art.
THIRD TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Casts, 2. Drawing from Nature, 3. German Language, 5. Ancient History, 2.	Water Color Painting, 5. Drawing from Nature, 3. Modeling, 3. Botany, 3. Modern History, 2.	Oil Painting, Landscape, 5. Drawing from Life, 5. History of Fine Arts in Outline, 1. Photography, 2. Physics, 3.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Theoretical Rudiments, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1. Chorus Singing, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Medieval History, 2. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Chords and Figuration, 2. French, 4.	Piano, 2. Polyphonic Forms Mus. Comp., 1. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Quartet Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. German or Physics, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution. 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Modern History, 3. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Smaller Forms of Musical Comp., 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital. 1. History of Music, 1. Modulation, 2. German Language, 5.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Organ, 1. Smaller Forms of Musical Comp., 2. French, 2. Elocution, 1. English Criticism, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 1. Recital, 1. Ensemble Playing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. Graduating Thesis.

SUBJECTS AND METHODS

—OF—

Instruction in Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold after the same arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and

precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, Indian ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time

is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Molds, and of making casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press.

Photography.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both cur-

riculums. Any person wishing to secure a complete education as a photographic artist may substitute extended practice in art, for a large portion of this study assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

Esthetics.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts in outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student presents two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts; written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting, and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the

immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An Esthetic Society has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

Subjects and Methods of Instruction in Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violoncello, cornet or clarionet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course of Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are hygiene, physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The Piano.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. Gymnasial Department.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, Köhler's Practical Piano School or Jacques Schmidt's Erster Lehrmeister is used. Also studies by Loeschorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn op. 65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biehl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krouse's Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the work of other masters suitable to this grade.

Sophomore Year. Heller op. 45 and 46; Czerny op. 740, books I and II; Bach 2 Voiced Inventions; Loeschhorn op. 38; Köhler's Arpeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramers Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Men-

delssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners, the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., Selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II. of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jacques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student; Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc.; Later, Part III. of Henning's Violin School; Scales in three Octaves, by F. Hüllweck, Part I. of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, De Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of the Organ, the students will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used, supplemented by compositions of the German, French and English Schools.

There is an excellent Pipe Organ, built by Johnson & Son, in the University Chapel, upon which instruction is given, thus affording students ample opportunity for the study of this instrument.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panofka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which every student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of Music, embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in Classes. Goetschius'

Materials of Composition and Stainer's Treatise on the Fugue are used. Iustruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

History of Music.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

Euterpe Society.

The students of music have organized a Euterpe Society, which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read, and musical selections are rendered by the members.

Professional Concerts.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

Teaching.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience under the supervision of the Faculty.

CALENDAR.

1889.

January	8,	*Tuesday*, Winter term begins.
"	31,	*Thursday*, Day of Prayer for Colleges.
February	7,	*Thursday*, 8 P. M., Senior Orations.
"	12,	*Tuesday*, First term of the College of Medicine ends.
"	13,	*Wednesday*, Second term of the College of Medicine begins.
March	7,	*Thursday*, 8 P. M., Senior Orations.
March 29, April	2,	*Friday—Tuesday*, Term examinations.
April	2, 3,	*Tuesday, Wednesday*, Supplementary examinations.
April	9,	*Tuesday*, Spring term begins.
May	1,	*Wednesday*, Seniors present their Commencement Orations.
June	5–7,	*Wednesday—Friday*, Final examinations of Seniors.
"	13,	*Thursday* Second term of the College of Medicine ends.
"	18–20,	*Tuesday—Thursday*, Term examinations.
"	20, 21,	*Thursday, Friday*, Supplementary examinations.
"	22,	*Saturday*, 10 A. M., Annual Meeting of University Senate.
"	23,	*Sunday*, 10½ A. M., Baccalaureate Sermon.
"	24–26,	*Monday—Wednesday*, Annual Exhibition of Works of Art produced during the year.

June 24, *Monday*, 2 P. M., Entrance examinations begin.
2 P. M., Class Day exercises.
8 P. M., Annual Musical Soirée.
" 25, *Tuesday*, 10 A. M., Annual Meeting of Trustees.
10 A. M., Annual Meeting of Alumni Association.
7½ P. M., Literary Meeting of Alumni Association in the Chapel.
" 26, *Wednesday*, 2 P. M., COMMENCEMENT.
" 27, *Thursday*, Summer Vacation begins.
September 16, *Monday*, 2 P. M., Entrance examinations begin.
" 19, *Thursday*, Fall term begins. Students assemble in Chapel at 9:30 A. M.
October 1, *Tuesday*, First term of the College of Medicine begins.
" 30, 31, *Wednesday*, *Thursday*, Examinations for rank.
November 14, *Thursday*, 8 P. M., Senior Orations.
" 28–30, *Thursday—Saturday*, Thanksgiving Recess.
December 12, *Thursday*, Senior Orations.
" 17–19, *Tuesday—Thursday*, Term examinations.
" 19, 20, *Thursday*, *Friday*, Supplementary examinations.
" 20, *Friday*, Fall term ends. Holiday Recess begins.

1890.

January 7, *Tuesday*, Winter term begins.
" 30, *Thursday*, Day of Prayer for Colleges.
February 6, *Thursday*, 8 P. M., Senior Orations.
" 11, *Tuesday*, First term of the College of Medicine ends.
" 12, *Wednesday*, Second term of the College of Medicine begins.
March 6, *Thursday*, 8 P. M., Senior Orations.

1890.

March 28–April 1, *Friday—Tuesday*, Term examinations.

April 1, 2, *Tuesday, Wednesday*, Supplementary examinations.

" 8, *Tuesday*, Spring term begins.

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Please Exchange.

NINETEENTH

ANNUAL

OF THE

SYRACUSE UNIVERSITY.

1889-90.

ANNUAL

OF THE

SYRACUSE UNIVERSITY

FOR THE

COLLEGIATE YEAR

1889-90.

SYRACUSE, N. Y.:
MDCCCLXXXIX.

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Edmund L. Shepard,	c.	*Flemingville*,	54 Univ. ave
Charles Allen Smith,	s.	*Nelson*,	611 Irving
Elmer Ellsworth Smith,	c.	*Dundee*,	255 E. Genesee
Arthur Oscar Sykes,	c.	*Buffalo*,	260 E. Genesee
Austianna Eliza Taylor,	c.	*Brooklyn*,	36 South ave
Mary S. Trowbridge,	s.	*Camillus*,	622 E. Fayette
Charles Champion Tucker,	s.	*Pembroke, Ont.*,	202 Madison
Frederick Hiram Watkins,	c.	*Pompey*,	1005 E. Genesee
Jessie Æolia Whyborn,	l. s.	*Syracuse*,	54 Lemon
Charles Frederick Wiley,	l. s.	*Syracuse*,	314 Greene
Helen Mabel Wood,	c.	*Savannah*,	610 University ave
Joseph Arthur Wright,	c.	*Hagaman's Mills*,	602 Irv'g Pl.

FRESHMAN CLASS.

Mary Avery,	l. s.	*Tunkhannock, Pa.*,	417 Irving
Rose Adele Baird,	s.	*Olean*,	618 Crouse ave
Martha Anna Beecher,	l. s.	*Livonia*,	511 University ave
Mary Helen Birdseye,	l. s.	*Pompey*,	621 Crouse ave
George Lawrence Bond,	c.	*Cazenovia*,	210 E. Fayette
Cora May Bowman,	l. s.	*Towanda, Pa.*,	907 Adams
Robert Elias Brettle,	c.	*Dansville*,	112 Gazelle
James Louis Brewer,	c.	*Syracuse*,	529 Seymour
Edward Carlton Britcher,	l. s.	*Syracuse*,	707 S. West
Kate Louise Brown,	s.	*Whitesboro*,	105 Marshall
May Estelle Brown,	l. s.	*Clifford*,	511 Univ. ave
Belle Margaret Carter,	s.	*Adams*,	511 Univ. ave
Nettie Alida Chapman,	s.	*Scipio*,	1117 E. Genesee
Charles Arthur Church,	s.	*Syracuse*,	703 Crouse ave
John Henry Cook,	s.	*Syracuse*,	100 Johnson

			City Address.
Gertrude May Cooper,	c.	*Canandaigua,*	S. West
David Francis Costello,	s.	*Fayetteville,*	340 Irving
Charles Squier Coulter,	c.	*Ferrisburgh, Vt.,*	913 E. Gen.
Howard William Crydenwise,	s.	*W. Pittston, Pa.,*	209 Univ. Pl.
Edward Howard Dann,	l. s.	*Syracuse,*	415 E. Jefferson
Helene Dixson,	l. s.	*Syracuee,*	511 Univ. ave
Albert Eaton Fitch,	c.	*Middleton Spa, Vt.,*	19 Univ. Pl.
Agnes Helen Ford,	c.	*Syracuse,*	116 State
Georgia Forman,	l. s.	*Auburn,*	511 University ave
Edmund L. French,	l. s.	*Syracuse,*	232 South ave
Raymond Fuller,	l. s.	*Baldwinsville,*	1015 Adams
William Pratt Graham,	s.	*Syracuse,*	126 Renwick ave
Cecil Vaughn Gray,	s.	*Earlville,*	210 Madison
Frank Fellows Gray,	s.	*Elmira,*	202 Madison
Miriam Adelia Guernsey,	l. s.	*Canton, Pa.,*	604 Irving
Gratia Gwynn,	l. s.	*Throopsville,*	*A. Φ.* Chap. H.
George Hasbrouck Haigh,	c.	*Waterloo,*	611 Crouse ave
George Daniel Hammond,	c.	*Syracuse,*	507 Croton
Sarah Parmelia Hawley,	s.	*Syracuse,*	53 E. Onondaga
Josiah Brainard Hine,	l. s.	*E. Onondaga,*	705 Univ. ave
Henry Hoar,	l. s.	*Ansonia, Conn.,*	*Δ. Υ.* Chap. H.
Frederick Richard Hodge,	c.	*Antwerp,*	612 Crouse ave
William F. Hodge,	c.	*Antwerp,*	612 Crouse ave
LeRoy Frank Hollis,	c.	*Lacona,*	731 Irving
Gordon Way Hoyt,	s.	*Highland,*	1015 Adams
Osmon Perley Hoyt,	c. e.	*Highland,*	1015 Adams
William Henry Jakway,	l. s.	*West Haven, Vt.,*	913 E. Gen.
Herbert Ray Jaquay,	s.	*Chaumont,*	104 Marshall
Cyrus Fisher Johnson,	c.	*Memphis, Tenn.,*	907 Univ. ave
George Kingsbury,	l. s.	*Deposit,*	1106 Adams
Grace Klock,	c.	*Oneida,*	417 University ave
Frederick M. Lawrence,	l. s.	*Port Jervis,*	124 E. Fayette
Mary Gertrude Leete,	l. s.	*Morrisville,*	721 Crouse ave
Samuel Miller Look,	s.	*Prattsburgh,*	404 Irving
Edith Adelle Loomis,	c.	*Oneida,*	417 University ave
Edwin Phillips Lyman,	l. s.	*Syracuse,*	326 Hawley
Edmund K. Macomber,	s.	*Peru,*	347 Warren
Charles W. Marvin,	l. s.	*Baldwinsville,*	1015 Adams

			City Address.
Willis Elias McGerald,	c.	*Buffalo*,	614 Crouse ave
Grace Estelle McIntyre,	l. s.	*Batavia*,	711 Crouse ave
Charles Austin Metz,	s.	*Kidder, Mo.*,	209 E Castle
Gurdon Ransom Miller,	s.	*Clarence*,	1117 E. Genesee
Della C. Mills,	l. s.	*Syracuse*,	332 Westcott
David Falkner Monash,	l. s.	*Syracuse*,	308 Harrison
William Charles O'Donnell,	c.	*Brooklyn*,	179 Adams
Clarence Loomis Peaslee,	c.	*Adams*,	731 Irving
William Henry Perry,	c.	*Buskirk Bridge*,	604 Irving
Henry Phillips,	c.	*Johnsburgh*,	604 Irving
Samuel Norton Pinney.	c.	*Olean*,	705 University ave
Mary Sophia Pitkin,	c.	*Syracuse*,	38 Madison
Bertrand Clifton Richardson,	c.	*Syracuse*,	726 Crouse ave
Philip Harrison Riegel,	l. s.	*West Fayette*,	911 Lodi
Perthenia Weeks Root,	s.	*Cooperstown*,	725 Crouse ave
Sherman Rouse,	c.	*Stuyvesant*,	913 E. Genesee
William Rubin,	l. s.	*Syracuse*,	839 Mulberry
James Brownlee Sanford,	s.	*Syracuse*,	303 University Pl.
Ida Louise Saxton,	l. s.	*Clyde*,	610 University ave
Adelbert Sheldon,	c. e.	*Royalton*,	105 University ave
Julia Skinner,	c.	*Binghamton*,	821 E. Genesee
Lewis Peter Smith,	c.	*Penn Yan*,	112 Gazelle
Myra Stevens,	s.	*St. Johnsville*,	105 Marshall
Frederick Carl Straub,	s.	*Syracuse*,	Farmer Block
John Austin Swann,	c.	*Gallupville*,	600 Univ. ave
Theodore Wells Taylor,	c.	*Muncy Valley, Pa.*,	612 Cr. av
William Erastus Taylor,	l. s.	*East Elba.*	
Violet Martha Telfer,	s.	*Syracuse*,	620 Crouse ave
Ernest Merrill TenBroeck,	c.	*Watervliet Center, Δ. I.*	Ch. H.
Albert George Thorne,	c.	*Buffalo*,	205 McClellan
Heman Daniel Traver,	s.	*Clyde*,	730 Crouse ave
Edith Richardson Truair,	c.	*Syracuse*,	568 Cedar
Lorenzo Dow Van Arnam,	c.	*Gloversville*,	*Δ. T.* Chap. H.
William Henry Wakeham,	c.	*New York*,	*Δ. T.* Chapter H.
Louis Mason Walsworth,	c.	*Delhi*,	*Δ. T.* Chapter H.
Frederick Ensign Walton,	s.	*Cortland*,	113 Marshall
Margaret Eliza Waters,	l. s.	*Terra Haute, Ind.*,	618 Crouse
Grace Helen Webb,	l. s.	*Syracuse*,	417 Catharine

			City Address.
Charles Heald Weller,	c.	*Dundee*,	112 Gazelle
William Alonzo Wheatley,	l. s.	*Syracuse*,	151 Newell
Frederick Grant Whitney,	c.	*Pulaski*,	105 University ave
Merton Lee Willis,	s.	*Bath*,	404 Irving
Sophia Marie Wilson,	s.	*Onondaga Valley.*	
Carrie Belle Witter,	l. s.	*Oneida*,	417 University ave
Minnie Belle Woodworth,	l. s.	*Chittenango*,	107 Wescott

UNCLASSIFIED.

Chauncey Loomis Allen,		*Cicero*,	112 Gazelle
Elsa Lovina Ames,		*Syracuse*,	26 Gazelle
Willard Henry Ball,	s.	*Syracuse*,	618 Bear
DeLancey Farnham Bartlett,	l. s.	*Fayetteville*,	612 Crouse ave
Sara Abell Beers,		*Rome*,	96 University ave
Grace Edith Cagwin,		*Verona*,	92 University ave
Marcia Aurelia Carpenter,		*Syracuse*,	284 E. Fayette
Harriet Elizabeth Caward,	s.	*Prattsburgh*,	617 Irving
Carey Roscoe Chester,	s.	*Schenevus*,	142 E. Jefferson
Hiram Lincoln Church,	c.	*Massena*,	619 Irving
Charles Carhart Cook,	s.	*Syracuse*,	708 Lodi
DeEtte Cook,		*Syracuse*,	1825 E. Genesee
Orator Fuller Cook,	c.	*Clyde*,	411 Comstock ave
Amy Isabel Cooper,	l. s.	*Syracuse*,	108 Walnut Place
Mary Anna Crothers,		*Newark*,	614 Univ. ave
Henry Danziger,	l. s.	*Syracuse*,	141½ E. Genesee
Stella Jennie Dodge,	s.	*Middlebury, Vt.*,	195 E. Gen.
Henry Wells Duguid,	l. s.	*Syracuse*,	110 E. Genesee
Clara May Eastman,	c.	*Belleville*,	108 Adams
Mary Edson,		*Crittenden*,	711 Crouse ave
Martin Luther Estey,	g. s.	*Palmyra*,	6 Raynor ave
Earlman Fenner,	l. s.	*Center Lisle*,	1005 E. Genesee
Anna Elizabeth Foote,	l. s.	*Brooklyn.*	
John Adrian Gardner,	s.	*Andrews Settlement, Pa.*	
Harry Joshua Hamlin,		*Saratoga Spa*,	140 W. Castle
Charles Mynderse Herrick,	c.	*Syracuse*,	206 E. Adams
Grace Seely Hiller,	c.	*Syracuse*,	1106 E. Fayette
John Blake Hillyer,	c.	*New York.*	
Alice Cornelia Hoyt,	c.	*Highland*,	309 Univ. Place

			City Address.
Chester Janes Hoyt,	c.	*Highland.*	1015 Adams
William Hosmer Ives,	c.	*Auburn,*	806 University ave
Everett Carlisle Johnson,		*Syracuse,*	3 Hoes Block
Mary Augusta Jones,	c.	*Lebanon, Ill.,*	72 Montgomery
Lulu Kern,		*Hamilton,*	1418 Mulberry
Franklin Cheney Keyes,	l. s.	*Laurens,*	10 McClellan
Anna Grace Loomis,	l. s.	*Syracuse,*	604 Turtle
Henry William Maier,		*Seneca Falls.*	
Stella Elizabeth McIntyre,	s.	*Clyde,*	614 Crouse ave
Wm. McNamara McMahon,	s.	*Caughdenoy.*	
Frank Lincoln Mead,	c.	*Kirkville,*	321 Monroe
Olin Coit Mirteenes,	s.	*Sparrowbush,*	216 E. Fayette
David Casler Monroe,	c.	*Cazenovia,*	1117 E. Genesee
Lewis R. Palmer,	s.	*Clyde,*	106 University ave
Eliza Hamilton Pettit,	l. s.	*Wabash, Ind., A. Φ.*	Chap. H.
Dee Wolcott Pierce,	s.	*Central Square,*	326 Crouse ave
John Thomas Quigley,		*Syracuse,*	409 Elm
Joseph Reynolds,	l. s.	*Watertown,*	104 Marshall
Jones Merriam Rice,	c.	*Otisco,*	767 Harrison
Earl Andrus Rogers,	l. s.	*Colton, Cal.*	
Arthur Sylvester Ruland,	l. s.	*Syracuse,*	728 E. Fayette
Mina Sakurai,		*Tokio, Japan,*	152 S. West
M. Elizabeth Scott,	s.	*Syracuse,*	752 Harrison
Fanny Amelia Sheldon,	s.	*Lowville,*	214 E. Genesee
Fred. Webster Sherwin,	s.	*Canton,*	767 Harrison
Frank Lincoln Stevens,	s.	*Syracuse,*	767 Harrison
Francis McNaughton Stewart,		*Yates,*	168 Adams
Judson L. Transue,	c.	*Liverpool.*	
Katharine VanBenschoten,		*Newark.*	[Univ. ave
Edgar Trotter VanDeusen,	c.	*Gt. Barrington, Mass.,*	705
Luther Ogden Wadleigh,	c.	*Potsdam,*	1005 E. Genesee
Nathaniel Bennett White,		*Plattsburgh,*	620 Crouse ave
Jessie Adelia Williams,		*Syracuse,*	664 Madison
Olin W. Wood,	l. s.	*No. Urbana,*	501 Irving
Mary Eugenia Wright,	s.	*Hagaman's Mills,*	602 Irving

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

NELSON NIVISON, M. D.,
Emeritus Professor of Physiology and Hygiene.

HENRY D. DIDAMA, M. D., LL. D., DEAN,
Professor of Science and Art of Medicine and Clinical Medicine.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D., TREASURER,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry and Botany.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WM. H. DUNLAP, M. D., REGISTRAR,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., LIBRARIAN,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D.,
Professor of Ophthalmology and Otology.

NATHAN JACOBSON, M. D.,
Professor of Laryngology aud Clinical Surgery.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

ARTHUR B. BREESE, M. D.,
Lecturer on Histology.

HORACE D. BABCOCK, M. D.,
Lecturer on Physiology.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

AARON B. MILLER, M. D.,
Instructor in Gynæcology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

HENRY H. PEASE, M. D.,
Instructor in Anatomy.

REUBEN C. HANCHETT, M. D.,
Instructor in Materia Medica.

FRED W. SEARS, M. D.,
Instructor in Histology.

FRANK B. BROOKS, M. D.,
Instructor in Physiology.

CENSORS.

S. M. HIGGINS, M. D., Memphis.
J. N. ARNOLD, M. D., Clyde.
ISAAC N. GOFF, M. D., Cazenovia.

Students.

THIRD YEAR.

		City Address.
S. Boyce Craton,	*Rutherfordton, N. C.,*	410 Willow
William H. May,	*Syracuse,*	800 E. Fayette
Charles E. McLean,	*Syracuse,*	College of Medicine
John C. Shoudy,	*Syracuse,*	1706 W. Genesee
William A. Strohmenger,	*Auburn,*	319 Irving
Walter J. Werfelmann,	*Syracuse,*	101 Union avenue
Frank A. Welch,	*Syracuse,*	College of Medicine

SECOND YEAR.

Charles H. Benson,	*Syracuse,*	902 Montgomery
William H. Dower,	*Syracuse,*	205 Grape
J. H. Drum,	*Syracuse,*	206 E. Jefferson
Fred S. Fay,	*E. Onondaga,*	College of Medicine
Elizabeth C. Gilkison,	*Brooklyn,*	902 James
George T. Head,	*Syracuse,*	107 W. Kennedy
Charles F. Hitchcock,	*Warners,*	608 Crouse avenue
Charles P. Lynch,	*Syracuse,*	301 James
A. W. Marsh,	*E. Syracuse,*	College of Medicine
Luella E. Masters,	*Thorntown, Ind.,*	503 Warren
Warner A. Miles,	*Vesper,*	717 Catherine
Elizabeth J. Palmer,	*Cortland,*	810 E. Fayette
Frank J. Rupp,	*Syracuse,*	605 McBride
C. W. Stryker,	*Syracuse,*	408 Grape
Charles J. Walch,	*Syracuse,*	357 W. Onondaga

FIRST YEAR.

		City Address.
Henry C. Bowen,	*Westfield, Mass.*,	705 Univ. avenue
Henry H. Bradley,	*Bradford, Pa.*,	610 Otisco
Lucius S. Baumgras,	*Syracuse*,	College of Medicine
Ellis Crane,	*Spafford*,	111 Marshall
Berton L. Dunn,	*Kenwood*,	416 Warren
Frank G. Engelhardt,	*Syracuse*,	402 Prospect avenue
Grant P. Fuller,	*Macon, Ga.*,	306 Harrison
Charles Gay,	*Syracuse*,	610 Otisco
William D. Johnson,	*Stone Church*,	College of Medicine
Donald A. McLean,	*Ogdensburg*,	604 E. Fayette
Charles L. Parker,	*Camillus*,	700 S. West
Louis K. Peck,	*Syracuse*,	908 Alvord
George L. Richardson,	*Clintonville*,	347 Warren
Walter H. Scott,	*Greenwich*,	314 Irving
William T. Tierkel,	*Rome*,	College of Medicine
Charles O. Vernooy,	*Accord*,	305 Lemon
U. G. Williams,	*E. Williston*,	305 Lemon

UNCLASSIFIED.

F. M. Arnold,	*Syracuse*,	917 E. Fayette
C. V. J. Doolittle,	*Paris Hill*,	327 Crouse avenue
Morris S. Lord,	*Sackett's Harbor*,	713 E. Fayette
Clara L. Tobey,	*St. Louis, Mo.*,	410 Willow
Edward J. Wynkoop,	*Syracuse*,	406 James

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, A. M., DEAN,
Professor of Esthetics and the History of the Fine Arts.

GEORGE A. PARKER,
Professor of the Piano and Organ.

KATE E. STARK,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting and Modeling.

FREDERICK C. LYFORD, B. P.,
Instructor in Perspective Drawing and Artistic Anatomy.

ALBERT KUENZLEN,
Instructor upon the Violin and Piano.

LUELLA M. STEWART,
Instructor in Water-Color Painting and Freehand Drawing.

ARTHUR B. CLARK, B. AR.,
Instructor in Architecture.

ELMER I. READ, B. P.,
Instructor in Etching and Freehand Drawing.

RUTH E GUIBAULT, B. MUS.
Instructor upon the Piano.

Students.

POST-GRADUATES.

			City Address.
Ruth E. Guibault, B. Mus.,	m.	*Syracuse*,	226 Madison
Charlotte N. Hardee, B. Mus.,	m.	*Cazenovia*.	
Minnie B. Harrington, B. P.,	p.	*Syracuse*,	1104 E. Adams
Myrta L. Kenaston, B. P.,	p.	*Syracuse*,	Montgomery Flats

SENIOR CLASS.

Anna Louisa Brown,	p.	*Burdett*,	618 Irving
Ella Louisa Bryant,	m.	*Shekomeko*,	412 Crouse ave
Nettie May Campbell,	m.	*Seneca Castle*,	*A. Φ.* Chap. H.
Lucian Adalbert Davidson,	p.	*Cigarville*,	304 Center
Carrie May Dixson,	m.	*Syracuse*,	511 University ave
Alice Scott Dunn,	p.	*Syracuse*,	Dunn Park
Mark Augustus Haley,	p.	*Syracuse*,	933 Mulberry
Edith Walton Hamlin,	m.	*Hastings, Neb.*,	616 Irving
Anna Elizabeth Leonard,	p.	*Syracuse*,	918 Madison
Mary Amelia Smith,	p.	*Syracuse*,	922 Madison
Grace Evangeline Townsend,	m.	*Syracuse*,	412 Crouse ave
Albert Gregory Vredenberg,	m.	*Mt. Vernon*,	801 E. Fayette
Florence Anna Wright,	p.	*Syracuse*,	The Florence

JUNIOR CLASS.

Nellie Ruth Bainbridge,	p.	*Syracuse*,	942 Center
Conrad Louis Becker,	s. m.	*Vine Valley*,	275 E. Genesee

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

			City Address.
Grace Edith Cagwin,	p.	*Verona*,	610 University ave
Margaret May Clarke,	m.	*Elbridge*,	731 Irving
Edith Florence Countryman,	p.	*Cuba*,	618 Irving
Charles Winfred Douglas,	m.	*Oswego*,	*Δ. K. E.* House
Frank Hart Dunn,	p.	*Syracuse*,	606 E. Genesee
William Grant Egbert,	m.	*Danby*,	704 Crouse ave
Lettie Clarissa Farwell,	m.	*Franklinville*,	643 Irving
Zoë Worthington Fiske,	p.	*Ithaca*,	209 University Place
Walter Benjamin Hancock,	s. ar.	*Fargo, N. D.*,	105 Univ. ave
Harriet Jacobson,	s. m.	*Syracuse*,	207 E. Jefferson
Ruth Kellogg Kingsley,	p.	*Syracuse*,	406 Danforth
Mabel W. McClelland,	s. m.	*Crawfordville, Ind.*,	613 Crouse
Harriet Smith Mead,	p.	*Syracuse*,	321 Monroe
Harriet Maude Miller,	p.	*Syracuse*,	803 E. Genesee
Katharine Elizabeth Miller,	p.	*Syracuse*,	803 E. Genesee
Lillian Blanche Root,	m.	*Cooperstown*,	*Δ. Φ.* Chap. H.
Pedro de M. Souza, Jr.,	c. e., ar.	*Saô Paolo, Brazil*,	49 S. Geddes
Blanche Stevens,	s. m.	*Syracuse*,	621 E. Genesee
Stella Mary Walrath,	s. m.	*Syracuse*,	816 E. Fayette

SOPHOMORE CLASS.

Elsa Lovina Ames,	p.	*Syracuse*,	211 University ave
Burt LeGrand Bentley,	s. m.	*Homer*.	
Francis Fish Brewer,	p.	*Syracuse*,	606 Irving
Marcia Aurilla Carpenter,	m.	*Syracuse*,	1312 E. Fayette
Martha Celetta Carter,	p.	*Oneida*,	616 Irving
Frank L. Chamberlin,	s. m.	*Syracuse*,	526 Harrison
Maude Fowler Clarke,	s. m.	*Syracuse*,	701 Crouse ave
Alice Susan Colton,	s. m., s. p.	*Syracuse*,	115 Merriman
Marion Elizabeth Coville,	m.	*Syracuse*,	118 Lodi
Mary Winona Dennis,	m.	*Syracuse*,	210 Madison
Grace Lockwood Ferris,	m.	*DeWitt*,	922 Madison
Edwin Hall Gaggin,	ar.	*Erie, Pa.*,	319 University ave
Vernon Simpson Gaggin,	ar.	*Erie, Pa.*,	319 University ave
Cornelia Comstock Green,	s. p.	*Syracuse*,	323 James
Albert Eugene Hall,	p.	*West Salisbury, Vt.*,	602 Irving
Gates Hamburger,	s. m.	*Syracuse*,	716 E. Jefferson

			City Address.
Gertrude M. Hamlin,	s. m.	*Hamlinton, Pa.*,	19 Univ. Pl.
Mary Alvia Horton,	s. m.	*Syracuse*,	410 Irving
Myra Irene Husted,	m.	*Syracuse*,	212 Johnson
Jessie Edith Jones,	m.	*Rushville*,	616 Irving
Stella Frances Kingsley,	m.	*Syracuse*,	613 Gifford
Milton Meiers Leiter,	s. m.	*Syracuse*,	81 Warren
Mabel Kinne Lewis,	s. m.	*Madison*,	*A. Φ.* Chap. House
Jessie C. Lozier,	p., s. m.	*New York*,	112 University ave
Jessie McCord,	s. m.	*Liverpool.*	
Olive Crawford Moorhead,	m.	*Syracuse*,	616 Irving
Minnie Cass Morey,	s. p.	*Baldwinsville*,	438 Crouse av
Mary Johnson Nash,	s. m.	*Cortland.*	
Clara Bella Orr,	m.	*Syracuse*,	740 Harrison
Charlotte M. Packard,	s. m.	*Syracuse*,	111 McClellan
Kate Scott Rollo,	m.	*Syracuse*,	662 Madison
Georgie Rose,	p.	*Syracuse*,	1006 Harrison
Elizabeth Belle Ruland,	m.	*Syracuse*,	728 E. Fayette
Grace Darrow Searle,	p.	*East Onondaga*,	28 E. Onon.
Frederick Webster Sherwin,	ar.	*Canton*,	767 Harrison
Louise Allen Shrimpton,	p.	*Athol, Mass.*,	96 Univ. ave
Harriet Case Stacey,	s. m.	*Syracuse*,	809 Geddes
John Richard Stevens,	s. m.	*Tompsbury*,	801 E. Fayette
Horace Stout,	s. m.	*Plainfield, N. J.*,	611 Crouse av
Frederick C. Straub,	ar., p., s. m.	*Syracuse*,	611 Irving
Julia Adelaide Talbot,	m.	*Syracuse*,	622 Irving
Margaret Tucker,	m.	*Philadelphia*,	618 Irving
Evalina Vernon,	s. m.	*Syracuse*,	707 Irving
Nina Weston,	m.	*Syracuse*,	301 Locust
Florence Rose Worster,	p.	*Syracuse*,	405 Lemon

FRESHMAN CLASS.

Jennie Annable,	s. m.	*Syracuse*,	33 University Place
Eva May Austin,	p., s. m.	*Auburn*,	119 Quince
Susan Mary Baker,	s. p., s. m.	*Syracuse*,	216 Tallman
Lillie Barlow,	s. m.	*Canastota*,	731 Irving
Ruby Baum,	s. p.	*Syracuse*,	702 Croton
Blanche Ross Baxter,	s. p.	*Syracuse*,	1213 E. Genesee

			City Address.
Emma Godfrey Beasley,	p	*Brooklyn,*	112 University ave
Williston Wesley Bissell,	m.	*Olean,*	741 Crouse ave
Lola Anne Bixby,	s. p.	*Montpelier, Vt.,*	179 E. Adams
Martha Pulver Boyd,	s. m.	*Sodus.*	
Jessie Meredith Burdick,	m.	*Round Lake,*	618 Irving
Lillian Byrnes,	s. p , s. m.	*Warners,*	613 Irving
James Joseph Carey,	s. m.	*Syracuse,*	119 Park Place
Leon Alanson Carley,	s. m.	*Homer,*	1005 E. Genesee
Grace Louise Carpenter,	p.	*Syracuse,*	905 Madison
Elizabeth Castner,	s. p.	*Syracuse,*	61 E. Genesee
Blanche E. Chapman,	p., s. m.	*Oneida,*	511 University ave
Aurin Moody Chase,	s. m.	*Syracuse,*	318 James
Maude E. Christopher,	s. p.	*Seneca Falls,*	43 Montgomery
Frederick P. Comfort,	s. p., s. m.	*Syracuse,*	Vanderbilt House
Ralph M. Comfort,	ar., s. m.	*Syracuse,*	Vanderbilt House
Cynthia Lucinda Coonrad,	s. p.	*Warners.*	
Ada Adell Cooper,	s. m.	*Oswego,*	309 University Place
Jennie Dennison Cooper,	m.	*Syracuse,*	818 S. West
Isadore Cropsey,	m.	*Oswego,*	912 Madison
Estella Danziger,	s. m.	*Syracuse,*	412 Warren
Gertrude Danziger,	s. m.	*Syracuse,*	141 E. Genesee
Ida Bella Darby,	s. m.	*Syracuse,*	105 Caroline
Mabel Lucinda Denison,	s. m.	*Peterboro,*	907 E. Adams
Mina Ethelind Dewey,	s. m.	*Oneida,*	631 Irving
Anna Christine Dudley,	p.	*Kingston, Pa.,*	511 Univ. ave
Marian Foster Duncan,	m.	*Syracuse,*	517 North
Mary Edson,	s. m.	*Crittenden,*	711 Crouse ave
Kate Ellis,	s. p.	*Leona,*	33 University Place
Emilie K. Elmendorf,	s. m.	*Racine, Wis.,*	209 Univ. Place
Clara Ellen Getman,	m.	*Ilion,*	330 E. Fayette
Clara Belle Goodman,	s. m.	*Savannah.*	
Louisa Phebe Graff,	s. m.	*Utica,*	622 Irving
Marion Eselma Granger,	s. m.	*Syracuse,*	126 Marcellus
George Washington Gray,	m.	*East Springfield,*	336 Crouse av
Florence Eugenie Haanel,	s. p.	*Syracuse,*	113 McClellan
Grace Darling Haanel,	m.	*Syracuse,*	113 McClellan
Elizabeth Hale,	m.	*Skaneateles,*	209 Univ. Place
Inez Roxana Hamilton,	s. m.	*Cazenovia.*	

			City Address.
Ella Marie Hewitt,	s. m.	*Dagus Mines, Pa.*,	205 E. Onon
Livonia May Hitchcock,	m.	*Warners*,	613 Irving
Kate Elinor Hovey,	m.	*Sayre, Pa.*,	907 E. Adams
Frank Eli Howe,	s. m.	*Batavia*,	900 University ave
Anna Sophia Johnson,	p.	*Syracuse*,	401 Howard
Everett Carlisle Johnson,	ar.	*Syracuse*,	401 Howard
Cyrus Fisher Johnson,	ar.	*Memphis, Tenn.*,	907 Univ. ave
Mary Augusta Jones,	m.	*Lebanon, Ill.*,	72 Montgomery
Lulu Kern,	m.	*Hamilton*,	1418 Mulberry
Frank Wheat Kirkland,	ar.	*Rome*,	705 University ave
Charles Sidney Lackey,	s. ar.	*West Winfield*,	202 McClellan
Florence Adele Larrabee,	m.	*Syracuse*,	638 Crouse ave
Benjamin Lesser,	s. m.	*Syracuse*,	705 Warren
Harriet Lesser,	s. m.	*Syracuse*,	139 Warren
Margaret Irma Little,	s. m.	*Syracuse*,	901 University ave
Ellen Osgood Lyford,	s. m.	*Syracuse*,	102 Marshall
Harriet Morrell Maxwell,	s. p.	*Syracuse*,	611 Irving
Lena May McCarthy,	s. m.	*Phoenix.*	
Stella Elizabeth McIntyre,	s. m.	*Clyde*,	614 University ave
Helen McG. McWilliams,	s. m.	*Quebec, Can.*,	705 Univ. ave
Jeannette Mercer,	p.	*Wausau, Wis.*,	616 Irving
Cora Millen,	s. m.	*Syracuse*,	804 University ave
Burr Churchill Miller,	ar.	*Herkimer*,	820 Madison
Giovanni Antonio Mott,	s. m.	*Lanrenzana, Italy*,	526 Harri'n
Mary Newkirk,	s. m.	*Syracuse*,	612 Crouse ave
Blanche G. O'Connor,	s. p., s. m.	*Syracuse*,	7 May Place
Walter Ogden, A. B.,	ar.	*Syracuse*,	161 W. Onondaga
Mary Mabelle Paddock,	p.	*Wolcott*,	614 University ave
Edith Palmer,	m.	*Syracuse*,	109 W. Kennedy
Retta Patterson,	s. p.	*Syracuse*,	709 Crouse ave
Mary Heffron Pettit,	m.	*Wabash, Ind., A. Φ.*	Chap. H.
Mary Patterson Pharis,	m.	*Syracuse*,	600 Lowell
Phoebe Ella Pierson,	m.	*Waterloo*,	610 University ave
Grace Dwight Potter,	s. m.	*Syracuse*,	405 W. Onondaga
Julian Elroy Ramsdell,	s. m.	*Paris*,	1005 E. Genesee
Bessie Achsah Reed,	p., s. m.	*Syracuse*,	808 W. Onondaga
Mary Elizabeth Reed,	s. p.	*Syracuse*,	808 W. Gnondaga
Fanny Belle Ripsom,	s. m.	*Pulaski*,	447 Irving

			City Address.
Maude Louise Russ,	s. m.	*Phœnix.*	
Blanche Ryther,	s. m.	*Carthage,*	219 University Pl.
Mina Sakurai,	s. p.	*Tokio, Japan,*	152 S. West
Maude Evelyn Sanford,	p.	*Syracuse,*	522 W. Onondaga
Lena Josephine Schreuder,	m.	*Syracuse,*	1032 S. Salina
Nettie Sarah Seely,	m.	*Spencer,*	907 E. Adams
Sarah Silverman,	s. m.	*Syracuse,*	33 Cedar
Sarah Silverstein,	s. m.	*Syracuse,*	1 May Place
Anna H. Spoor,	s. p., s. m.	*Syracuse,*	454 Shonnard
Clara May Sweet,	m.	*Cicero,*	1007 E. Adams
John Sherman Tack,	p., s. m.	*Syracuse,*	302 Spruce
Jennie May Tenney,	s. p.	*Syracuse,*	201 Renwick ave
Ella Miriam Traver,	m.	*Red Hook,*	702 Croton
Fannie Turton,	s. m.	*North Chemung,*	1117 E. Gen.
Lillian Belle VanHeusen,	m.	*Syracuse,*	701 University ave
Viola Vernon,	s. p.	*Syracuse,*	725 Irving
Gertrude Adelle Walker,	s. m.	*Emporium, Ind.,*	616 Irving
Nellie Maie Wartman,	s. p.	*Little Falls,*	1011 E. Adams
Mabel Harriet Webster,	s. m.	*Apulia,*	Irving Place
Sarah Louise Weeks,	m.	*Skaneateles,*	614 Univ. ave
Maude Westcott,	s. p., s. m.	*East Syracuse.*	
Jeannette White.	s. p.	*Laona,*	33 University Place
Charles Peter Wickwire,	m.	*Oneonta,*	620 Crouse ave
Frances Adelaide Wilkins,	s. m.	*Syracuse,*	502 Almond
Florence Margaret Wood,	s. m.	*Syracuse,*	1117 E. Genesee
Lucy Catherine Yates,	s. m.	*Geddes.*	

GYMNASIAL STUDENTS.

For the convenience of students desirous of pursuing their musical studies preparatory to the Collegiate Course, a Gymnasial Course has been arranged as explained hereafter.

		City Address.
Kate Leora Abbott,	*Syracuse,*	1316 Madison
James Lynn Barnard,	*Cooperstown,*	141 Harrison
Emma Amelia Botzer,	*Syracuse,*	78 Seymour
Frederick Thomas Cahill,	*Oswego.*	
Carey Roscoe Chester,	*Schenevus,*	142 E. Jefferson
Augusta Matilda Clark,	*Syracuse,*	701 Crouse ave

		City Address.
Carrie Clayson,	*Blossburg, Pa.,*	1002 Madison
Byer Ives Cooper,	*Syracuse,*	108 Walnut Place
William Elmer Crofut,	*Syracuse,*	31 W. Kennedy
Cora Theresa Danziger,	*Syracuse,*	412 Warren
Elizabeth Ellen Dills,	*Union Springs,*	1418 Mulberry
Georgiana Dorsey,	*Bath,*	66 Renwick ave
Anna Clarissa Draper,	*Syracuse,*	7 St. Marks square
Georgiana Ecker,	*Syracuse,*	1015 E. Adams
Damia Lavern Everingham,	*Syracuse,*	331 S. Salina
Mary Ella Grant,	*Syracuse,*	504 University ave
May Brown Haanel,	*Syracuse,*	113 McClellan
Joseph Hamburger,	*Syracuse,*	716 E. Jefferson
Susannah Clara Hatmaker,	*Syracuse,*	105 Marshall
Sarah Josephine Hayden,	*Syracuse,*	35 Avery ave
William Hough,	*Syracuse,*	339 E. Fayette
Charles Dennison Kellogg,	*Spanish Ranch, Cal.,*	736 Cr. ave
Josephine Lalor,	*Syracuse,*	1143 S. Salina
Minnie Adelle Mason,	*Geneseo,*	92 University ave
Mott Martin McArdle,	*Syracuse*	1116 Milton ave
Jeannette May McCarthy,	*Oswego.*	
Mabelle Leone Moore,	*Erieville.*	
Harriet Munro,	*Belle Isle.*	
Jesse Oberdorfer,	*Syracuse,*	87 E. Fayette
Edith Packard,	*Syracuse,*	111 McClellan
Elizabeth Ford Packard,	*Syracuse,*	111 McClellan
Laura Tomlinson Page,	*Syracuse,*	609 University ave.
Clara May Phillips,	*Belleville,*	1617 Irving
Elizabeth Jane Scott,	*Syracuse,*	1416 S. Salina
Mary Ring Schoonmaker,	*Syracuse,*	313 E. Onondaga
Edward Abram Silberstein,	*Duluth, Minn.,*	443 Madison
Mable Charlotte Stackhouse,	*Syracuse,*	102 Harrison
Ethel Sweet,	*Syracuse,*	401 James
Edith Edella Van Wagenen,	*Syracuse,*	316 Rust
Jennie May Watson,	*Syracuse,*	198 E. Washington
Lotta Webb,	*Syracuse,*	716 Catherine
Myra Webb,	*Syracuse,*	105 Seymour
Jessie Adelia Williams,	*Syracuse,*	664 Madison

		City Address.
Dora May Willis,	*Tully.*	
Frances Isabella Wood,	*Syracuse,*	255 E. Genesee
Clara Blanche Worden,	*Syracuse,*	23 E. Castle

Summary of Students.

College of Liberal Arts.

Post-Graduate Students,		102
Senior Class,	13	
Junior Class,	41	
Sophomore Class,	68	
Freshman Class,	98	
Unclassified,	64	—284

College of Medicine.

Third Year,	7	
Second Year,	15	
First Year,	17	
Unclassified,	5	—44

College of Fine Arts.

Post-Graduate Students,		4
Senior Class,	13	
Junior Class,	21	
Sophomore Class,	45	
Freshman Class,	108	—187
Gymnasial Students in Music,		46
		667
Names repeated,		19
Total,		648

Degrees Conferred by the University

IN 1889.

Doctor of Laws.

Henry D. Didama, M. D., - - - - - Syracuse.

Doctor of Divinity.

Rev. John H. Coleman, - - - - Gloversville.
Rev. George P. Mains, A. M., - - - - Brooklyn.
Rev. David W. Thomas, A. M., - - - - India.

Doctor of Literature.

Helen F. Smith, - - - - - - -Aurora.

Doctor of Philosophy.

[Conferred only upon examination.]

Prof. Francis J. Cheney, A. M., Kingston, - American History.
Prof. Cornelia M. Clapp, M. Ph., South Hadley, Mass., Zoology.
Rev. James Frazer, A. M., Las Vegas, N. M., - Christian Evidences.
Prof. Leigh R. Hunt, A. M., Troy, - - - English Literature.
Prof. Thomas O'Hagan, A. M., Paisley, Ont., - English Literature.
Rev. Judson O. Perkins, A. M., Chittenango, - Christian Evidences.
Rev. James Sifton, A. M., York, Ontario, - Christian Evidences.
Prof. Leo. A. Stäger, M. Ph., Brooklyn, German Language and Literature.
Rev. James P. Thoms, A. M., Bradford, Pa., - Christian Evidences.
Prof. John B. Van Petten, A. M., Claverack, - American History.
Rev. William C. Wilbor, A. M., LeRoy, - English Literature.

Master of Arts.

William G. Atwell, *in cursu*, Preston R. Crowell, *in cursu.*
Henry D. Fearon, " Charles E. Hamilton, "
John A. Ingham, " Henrietta M. Kittell, "
Frederick B. Price, " Ella Perry Price, "
David Hall Rice, " Olney A. Retan, "
George P. Wadsworth, *in cursu.*
John Macoun, A. M., (Genesee) *ad eundem.*

[On examination.]

James Frazer, A. B., Las Vegas, N. M., - Christian Evidences.
Johnson Henderson, A. B., Pictou, N. S., - - Christian Evidences.
Leigh R. Hunt, A. B., Troy, - - - English Literature.
Thomas O'Hagan, A. B., Paisley, Ont., - - English Literature.
Judson O. Perkins, A. B., Chittenango, - Christian Evidences.
James Sifton, A. B., York, Ontario, - - Christian Evidences.
James P. Thoms, A. B., Bradford, Pa., - Christian Evidences.
Franklin S Thorpe, A. B., Forestville, - - Christian Evidences.
Jonn V. Van Petten, A. B., Claverack, - - - American History.

Master of Philosophy.

Mary Ada Fuller, *in cursu*, Fred Thomas Keeney, *in cursu.*
George Wesley Tackabury, *in cursu.*

[On examination.]

Leo A. Stäger, Brooklyn, German Language and Literature.

Master of Science.

[On examination.]

James S. Stevens, B. S., Havana, Physical Science.

Master of Painting.

Bolton Coit Brown, B. P.

Bachelor of Arts.

Allen Eli Atwater,
Mary Elizabeth Burdick,
Levi Snell Chapman,
Stephen Stillman Cobb,
Frances Lusina Drake,
Frank James Farrington
Joseph Lincoln Gillard,
Fred De Land Leete,
William Howard McKenzie,
Charles Seabury Robertson,
Lowell Lincoln Rogers,
Anna Hemans Smith,
Martin Henry Walrath,
Nellie Maroa Wilmot,
Wesley Hamilton Benham.
William Clark Burdick,
George Willlam Church,
William Bowers Crowley,
Ernest Isaac Edgcomb,
Nettie Gertrude Fuller,
John Daniel Keefe,
Nellie Gray McIntyre,
George Edward Merrill,
John Brownell Rogers,
Henry Orrin Sibley,
Anna Pomeroy Terry,
Charles Lorenzo Walsworth.
Nettie Lydia Wilmot,
Noble Earl Whitford.

Bachelor of Philosophy.

Lyman Potter Hitchcock,
Edwin Merritt Sanford,
Mary J. O'Bryon,
Hattie Travis Sanford.

Bachelor of Science.

Frederic Newell Burritt,
Everett Clayton Countryman,
Peter Frederick Piper.

Bachelor of Civil Engineering.

Horace William Britcher,
Gordon Almond Wright.

Doctor of Medicine.

Eleanor McAllister,
Arthur B. Rood,
Nathan A. Monroe,
Allen M. Smith.

Bachelor of Painting.

Nellie Elvena Angell,
Mary Amelia Day.

Bachelor of Music.

Kate Armistead Crawford,
Carrie Paulline Jennings,
Anna Belle Webster.

Alumni Association.

OFFICERS FOR 1889-90.

PRESIDENT,

REV. OSCAR A. HOUGHTON, D. D., '69, . Auburn.

VICE PRESIDENT,

ALICE BANNISTER, B. P., '81, . Kingston, Pa.

SECRETARY AND TREASURER,

REV. JOSEPH H. ZARTMAN, A. M., '78, McGrawville.

DIRECTORS,

ALICE BANNISTER, '81,	WILLIAM R. BENHAM, '66,
CORNELIA BROWN, '84,	J SCOTT CLARK, '77,
ELLA I. FRENCH, 78,	OSCAR A. HOUGHTON, '69,
BOYD MCDOWELL, '81,	J. DUANE PHELPS, '76,
CARRIE E. SAWYER, '87,	CARRIE I. SHEVELSON, '81,
FRANK SMALLEY, '74,	CHARLES W. WINCHESTER, '67,

JOSEPH H. ZARTMAN, '78.

General Information.

COLLEGES OF THE UNIVERSITY.

Three Colleges are organized and in operation. These are:

I. The College of Liberal Arts,
II. The College of Medicine,
III. The College of Fine Arts.

They are all open for the admission of men and women on equal terms.

GROUNDS AND BUILDINGS.

The Campus of fifty acres is beautifully situated in the south-east part of the city, and commands a view of the city and lake, and the surrounding country for many miles.

The Hall of Languages is a handsome cut lime-stone structure 180 by 96 feet, four stories in height. It is occupied by the College of Liberal Arts.

The Charles Demarest Holden Observatory is built of rock-faced gray lime-stone. It is equipped with an eight-inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, etc. It is also fully provided with apparatus for meteorological observations.

A fire-proof Library Building, three stories high, 80 by 90 feet, built of Trenton pressed brick, was completed in June 1889. It is provided with abundant rooms and all needed appliances, and has a capacity for 135,000 volumes.

The John Crouse Memorial College Edifice, built and furnished by the late Mr. John Crouse, and his son Mr. D.

Edgar Crouse is of Long Meadow red sand-stone, with granite foundation. It is four stories high, 162 by 190 feet in extreme dimensions, and is one of the most imposing of College structures. The College of Fine Arts is in this building.

THE COLLEGE OF MEDICINE occupies three suitable buildings on Orange street, near Genesee.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the state have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz :

Hudson River Institute and Female College at Claverack ; Cazenovia Seminary at Cazenovia ; Ives Seminary at Antwerp ; Onondaga Academy at Onondaga Valley; Yates Union School at Chittenango ; and Genesee Wesleyan Seminary at Lima.

LIBRARIES.

The general library contains about 35,000 volumes and is open to students daily, except Sundays. A reading room abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University, on condition that a suitable fire-proof building be erected for it. It has been received and is now on the shelves of the new library building.

The College of Medicine has a valuable professional library in its own building for the use of medical students.

MUSEUMS.

The University Museum possesses a large amount of material for illustrating the sujects of Geology, Zoology and Bot-

any. Among other collections useful for instruction in Geology, the following may be mentioned :

1. The Ward series of casts of fossil remains;

2. An extensive lithologic collection representing all the leading types of rocks;

3. A collection of fossils illustrating especially the palæontology of New York State;

4. The "Cooper collection" of quartz and its varieties.

In Zoology are :

1. The "Banks collection" of North American birds;

2. A considerable collection of alcoholic specimens, mostly of Invertebrates;

3. A collection of shells with abundant representation of nearly all molluscan families;

4. A collection of insects.

In Botany a well ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo lithographs and a good collection of plaster casts procured several years ago. To these have been added in the last year, a very fine collection of casts presented by a friend in New York, and the celebrated Wolff collection of Engravings, containing 12,000 sheets of rare and costly etchings and engravings representing the great masters of the art in all ages. This great collection was the gift of Mrs. Harriet Leavenworth of Syracuse, in April, 1889.

ENDOWMENTS AND PROPERTY.

The University has about $450,000 of productive endowment. The present net value of its entire property is about $1,500,000.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. About thirty of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Courses of Study, published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

EXPENSES.

A matriculation fee of $5.00 is required of every student, on admission to the University.

In the College of Liberal Arts, the tuition bills are $20.00 per term; to the sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for tuition in the College of Liberal Arts, to be paid at his earliest convenience after leaving College.

An incidental fee of $3.00 per term is charged in this College. The cost of materials used in the Chemical Laboratory is defrayed by the student. The fee for graduation is $20.00.

In the College of Fine Arts the charges are: tuition, $100 a year; ($33⅓ a term); to sons and daughters of clergymen, $50 a year; graduation $20.00.

Term bills must be settled at the opening of each term. Students are admitted to classes only upon presentation of a voucher from the Receiver. No person is recommended for a degree until all his college bills are settled.

Board with furnished room, can be obtained in the city for from $4.00 to $5.00 per week. Many students board in clubs at a cost of $2.00 to $2.50 per week, and others rent rooms and board themselves at a still less expense. Further information relating to board may be obtained on application to Prof. J. S. Clark, 127 University avenue.

College of Liberal Arts.

TERMS.

The next collegiate year begins on Monday, the 15th of September, 1890, and the first three days are devoted to examinations for entrance. The first term consisting of fourteen weeks, ends on the Friday before Christmas week, and is followed by a vacation of two weeks. The remainder of the collegiate year is divided into two terms without an intervening vacation. The second term contains thirteen weeks, and the third term usually twelve. COMMENCEMENT occurs on the fourth Wednesday in June.

Students will find it for their interest to be present on the first day of each term, though one can enter at any time on passing the requisite examinations.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, including a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Scientific Course, in the place of Latin and Greek, substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is somewhat larger.

Students preparing for college are advised to study stenography wherever practicable, as it will be of great service in taking notes of lectures.

CONDITIONS OF ADMISSION.

NOTE.—These requirements will take effect in 1891. In 1890 students will be admitted upon the qualifications heretofore published.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1.) ENGLISH GRAMMAR.—

(2) GEOGRAPHY.—Ancient and Modern; Political and Elements of Physical.

(3). HISTORY.—*United States; Roman*, to the end of the third Punic War.

(4). MATHEMATICS.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5). PHYSICS.—J. Dorman Steele's work or its equivalent.

(6). HUMAN PHYSIOLOGY.—Equivalent to J. D. Steele's work.

(7). LATIN.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries*; six of *Cicero's Orations;* the *Eclogues*, and six books of the *Æneid*, with special reference to the prosody; Allen and Greenough's *Latin Composition*, part first complete.

(8). GREEK—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad*, and the first three chapters of Boise's *Greek Prose Composition.*

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin Scientific Course are examined in the studies required for the Classical Course, excepting the Greek; and also in one year's work in German, showing ability to read easy German at sight.

3. Candidates for the Scientific Course are examined in all the studies required for the Latin Scientific Course.

II. To Advanced Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. For Unclassified Students.

Students who do not desire to complete any of the regular courses of study, may select such studies and attend such classes as their qualifications permit. They are expected to attend such general exercises as may be assigned them, be subject to all the general rules, and take work enough to occupy all their time.

Examinations for admission will begin on Monday at 9 a.m.

TREATMENT OF SUBJECTS.

1—English Literature.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English people and Language as is necessary to an intelligent comprehension of the Literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text-books are retained and used.

Freshman Year: Welch's English Literature and Language, Vol. I.

Senior Year: Welch's English Literature and Language, Vol. II.

Senior Year; (Elective): Lectures on Literary Style and Composition, and English and American Classics.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar, as the constant reference manual—and Smalley's Latin Analysis, as an exercise in Etymology designed to secure the vigilant study and correct analysis of Latin words.

Freshman Year: *First term*, Cicero, Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are carefully reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, Book I. or XXI; Prose Composition; Roman History; and frequent exercises in writing accurate and elegant translations of Livy. *Third term*, Juvenal's Satires; written translations of Juvenal, and exercises in reading Latin at sight.

Sophomore Year: *Second term*, Horace; selections from the Odes, Epodes, Satires and Epistles; Roman History complete; essays on Roman life, customs, dress, buildings, utensils, economy, etc. Prosody is reviewed and constant attention given to scanning the meters of Horace.

Junior Year, *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from the De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul; brief Lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism *Second term*, (elective) either of the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, Books X. and XII: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets, Catullus, Tibullus Propertius, etc.: Latin Literature; Bender.

Senior Year: *First term*, (elective) Brown's, also Cruttwell's, with lectures on the origin and development of the Latin Language, and its early records and relics.

3.—Greek Language and Literature.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the Language, the aim is to enrich the student's English vocabulary, to develop within him a power of intepretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the form and sense of words together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with more special reference to the style, subject matter and spirit of the author.

The study of the History, Geography, and Archæology is pursued not only for the instrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

The authors most generally read are Homer, Aeschylus, Sophocles, Euripides and Pindar among the poets, Demosthenes and Lysias in oratory and Plato in philosophy.

Freshman Year: *First term*, Owen's Homer's Iliad, four books; Hadley and Allen's Greek Grammar. *Second term*, Demosthenes on The Crown; Boise's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed. Boise's Greek Prose Composition.

Sophomore Year: *First term*, Plato's Apology and Crito: Lectures on Greek Philosophy. *Third term*, Greek Tragedy: Lectures on the Greek Drama.

Junior Year: *Third term*, Greek Comedy (elective).

Senior Year: *First term*, Greek Literature (elective); *Second term*, (elective) Anthologie aus den Lyrikern der Griechen, Buchholz.

4.—Modern Languages.

The time given to these languages is occupied in tracing their philological features and their relations to cognate languages, in practical exercises in conversation and writing, and in the study of classical, scientific and artistic literature.

German Language; *First year*, Comfort's German Course, First German Reader, and thirty pages of the Larger German Reader; also forty exercises from the Jaynes Otto German Course; *Second year*, Comfort's Large German Reader, and Manual of German Conversation; portions of Weber's History of German Literature; and William Tell or other classic dramas.

French Language; *First year*, Otto's French Grammar, a French Comedy and La Petite Fadette, by George Sand; *Second year*, Demogeot's History of French Literature, and various classic dramas.

Italian Language; Fontana's Grammar, Giudici's Italian Literature, and various classic dramas

5.—Mathematics.

Freshman: *Algebra*, (Wentworth's College) — Quadratic equations, reviewed, calculations of radicals, theory of indeterminate coefficients, binominal theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's) — Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

Sophomore: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's).—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of

indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectification and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin Scientific Courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin Scientific Courses, required in the Scientific Course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy, (Young's).—The first term's work in this subject is required in all the courses and embraces the elementary principles of mathematical and physical Astronomy, such as Parallax, Refraction, Latitude and Longitude, dimensions and form of the Earth, its orbital motion, Precession, Nutation, Aberration, Elements of a planet's orbit, Theory of tides and eclipses, including the computation of a Lunar eclipse in full. The subject of Descriptive Astronomy is pursued as an elective iu the fall term of the Senior year; and in the winter and spring terms special classes will be formed for observatory work. No person is eligible to the class for observatory work who has not satisfactorily accomplished the work of both the preceding terms.

6.—CHEMISTRY.

Chemistry is pursued in the Junior year; including the history of Chemistry and Chemical Philosophy; Stoichiometry and the univalent elements; the metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

Students in Analytic Chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use

is furnished to each student at the opening of the term. A deposit of five dollars is required from which his laboratory expenses are paid, and as the close of the term the balance is returned.

7.—PHYSICS.

During the Sophomore year a general course of lectures is delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics and the Correlation and Conservation of Energy.

The notes taken of the lectures in the class-room, are required to be put into proper form and transcribed into a note-book. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations on any subject lectured upon are held throughout the term. The percentage made at these examinations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determines the standing of the student in this subject.

Elective Physics.—Electricity and Magnetism, which has assumed such importance in these modern times, has been selected for elective Physics, to train students in the methods of physical inquiry and to introduce them into the knowledge of physical measurements. For this purpose a physical laboratory has been fitted up with convenient tables for work; and the requisite apparatus, donated by Mrs. J. Dorman Steele, has been ordered from the best makers abroad. The tool-room, furnished with lathes and planer, and other necessary tools, provides the requisites for the setting up of apparatus and the making of such simple apparatus as may be demanded by the course of lectures given in Electricity and Magnetism. The examination at the end of the course is entirely practical. The expenses connected with this course will not exceed $5,00 per term.

It is intended that the Laboratory when fully completed, shall furnish the requisite facilities for post-graduate work in

Physics, to be demanded of those who propose to take the degree of Ph. D. in Science with Physics as their elective subject.

8.—Mineralogy.

A course of lectures will be delivered on Crystallography fully illustrated by models, on the physical character of Minerals and on Blowpipe Analysis. Facilities for practical work will be afforded in the chemical laboratory. Tables furnished by the Institution provided with Bunsen's Burners and the necessary reagents, are supplied at $3.00 per term.

Tools required to be purchased by the student; Blowpipe with platinum point and Platners mouthpiece, platinum pointed forceps, platinum wire, wireholder, hammer, and boxes of test minerals.

The examination in this subject is entirely practical and consists in determining the system, formula, description and derivation of any two out of the collection of one hundred crystallographic models, and a description of the physical character and determination of the chemical constituents of any two minerals furnished in a sealed box by the examiner.

It is hoped that in this department also, facilities for advanced work in Determinative Mineralogy and Blowpipe Assaying, will soon be furnished for those post-graduates studying for the degree of Ph. D. who may elect Mineralogy as one of the subjects for examination.

9.—Geology, Zoology and Botany.

The work in this department is uniform in all courses. In the last term of the Sophomore year students receive instruction in (1) the general principles of biology and (2) simple methods of practical work, consisting of the examination with a hand lens of the structures of the higher plants. To those students whose work in this subject is of a high grade there is open a course extending through four terms usually divided between botany and zoology. This work is almost wholly practical, consisting of the examination of plant and animal structures with the compound microscope, and the study of the life history of typical forms of plants and animals. Collateral

reading is also required. In the first term of the Senior year geology is required in all courses. A second term of this subject is elective. The work of the first term is general, that of the second is more special.

For the accommodation of students in this department a special laboratory has recently been fitted up, provided with seventeen compound microscopes and other accessories.

10.—HISTORY.

History is studied in its principles as well as in its facts. To familiarize the student with the best methods of study, and to suggest appropriate courses of historical reading, are among the important objects aimed at. The instruction is both by lecture and text books.

FRESHMAN YEAR: Lectures are given on Historical Propædeutics, in which the methods of historic study and writing are examined, and the necessary auxiliaries of history—Chronology, Geography, Genealogy and Ethnography—are discussed in their principles and application. During the third term, Rawlinson's Ancient History is studied. Special attention is directed to the valuable authorities mentioned by this author, and their scope aud relative value are estimated.

SOPHOMORE YEAR: During the first term, in connection with a text-book, lectures are given on the Roman Law; Mohammed and Mohammedism; the causes, development and consequences of the crusades; the Medieval Literature, etc. During the second and third terms the Reformation and Post-Reformation history is examined. In addition to the text book, during the second term, lectures are given on the Comparison of French and English Government prior to 1789. Throughout the year, dissertations and portraiture of important historical characters are prepared by the students; also the class is specially instructed in regard to the authorities and literature of the various periods, and required to give analyses and estimates of historical works.

JUNIOR AND SENIOR YEARS: The instruction in these years is entirely by lecture. Special courses are accessible to both classes. Attention is given to the examination of the Tribal

Migrations before and after the Roman Downfall, and to the great revolutions of modern times. The lectures on the Philosophy of History are designed, primarily, to summarize the principles and laws that have been discovered and illustrated during the preceding years.

11.—Esthetics.

Weekly lessons are given on Esthetics during the first term, and on the History of the Fine Arts, during the second and third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

Students in the Scientific and Latin-Scientific Courses are required, and students in the Classical Course may elect to take two hours of study a week during one term, in each of the following branches: Free Hand Drawing, Mechanical Drafting and Architectural Drafting. Students in the Scientific Course are also required to attend classes in Perspective Drawing three hours a week during the first term of the Sophomore year.

12.—Rhetoric, English Criticism and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism, especial attention is given to the requisites of good style. As to punctuation and form, students are expected to present all essays and oration manuscript in such form that they would, if published, require no corrections or additions by the printer. Instruction, with exercises, in the formation of Essay Outlines, is also made a prominent feature.

In Elocution, the aim is constantly toward natural, rather than artificial methods of delivery. Throughout the course especial stress is laid upon the distinctness of enunciation. In gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterwards modified by Bacon, is taught together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard.

Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

The text-books in English Criticism during the Freshman and Sophomore years cover thoroughly the elements of Rhetoric, and prepare the student for the more advanced work of the Senior year.

FRESHMAN YEAR: *English Criticism*—Clark's Practical Rhetoric. *Elocution*—English Phonation, using the Bell Vowel Table with Russell's treatment of the consonants; Articulation and chest exercises; Elements of Inflection and Emphasis, with notes on Tone quality, Utterance, Pitch, Force, Time and slides, using Dickens' Christmas Carols for practice and illustration. *Essays*—Three original essays per term of not less than five hundred nor more than seven hundred words, on subjects assigned. These essays are carefully corrected, criticised in class, returned to the writers, and afterward read, in part before the class.

SOPHOMORE YEAR: *English criticism.*—Analysis of Prose Masterpieces, with class work on the essays. *Elocution—First term*, Bacon's Manual of Gesture with notes on Delsarte: *Second term*—three declamations of prescribed character delivered and critcised before the class; *Third term*, Analysis and interpretation of six plays of Shakespeare.

Essays.—Three each, in *first* and *third terms* of not less than six hundred nor more than eight hundred words on subjects assigned. During the *second term* the declamations take the place of essays.

JUNIOR YEAR: *Elocution.—First term*, declamations of prescribed character delivered and criticised before the class; *Second term*, Extempore speaking. *Third term*, Analysis and interpretation of six or more of Shakespeare's plays.

Orations.—One each term, of not more than one thousand words, after private rehearsal, is delivered in chapel.

SENIOR YEAR: *Elocution.*—Opportunity is given for continuing the work of the Junior year. *Rhetoric.—Third term*, Analysis of English Prose Masterpieces. One original oration of about one thousand words is rehearsed and is delivered at a

Senior Exhibition in the chapel within the first two terms: a like oration is required from each member of the class on the first of May, from which selections are made for delivery at commencement.

Early English—An elective course of one hour per week in each term of the Junior Year is provided in (1) History of the English Language, (2) Anglo Saxon, (3) Early English. The course is consecutive and is intended to give the student a working knowledge of the origin of his native tongue.

13.—Metaphysics and Logic.

In this Department it is designed, by lectures and the use of text-books, to trace briefly the history of mental science, and by class discussion, by essays upon appointed themes, and by a course of select reading, to render the student familiar with the characteristic principles of the leading historic systems.

Junior Year: *Third Term*, Handbook of Psychology, Sully.

Senior Year: *First Term*, History of Philosophy, Morell.
Second Term, History of Philosophy, (Elective) Morell.

Logic is studied during the first term of the Junior year. To the class are assigned frequent exercises in classification, argumentation and method.

14.—Ethics and Christian Evidences.

In the department of Ethics and Christian Evidences, the subjects are taught by text books and lectures.

Senior Year: *First term*, Calderwood's Handbook of *Moral Philosophy; Third term*, Hopkin's *Evidences of Christianity*.

15.—Jurisprudence and Political Economy.

Senior Year: *First term*, Political Economy, and General Principles of Jurisprudence, (elective); *Second term*, International Law, (elective); *Third term*, Constitution of the United States, (required).

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in the Chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are required at the beginning of each College year to select some one Church in the city and to attend regularly its Sunday morning service. Minors will make such selection from the denomination to which their parents or guardians belong.

Parallel Courses of Study.

Note.—Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.
Freshman Year.	First Term.	Algebra, 4. Physiology, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 3. Chemical Physics, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.
	Second Term.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Chemical Physics, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	Third Term.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Chemical Physics, 2. German, 5. Ancient History, 2. Architectural Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY—CONTINUED.

SOPHOMORE YEAR.	First Term.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.
	Second Term.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Shades and Shadows, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
	Third Term.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1. *Elocution*, 1. *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying*, 3.	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.

PARALLEL COURSES OF STUDY—CONTINUED.

JUNIOR YEAR.

First Term.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolution*, 2. *Physics*, 3. *History of Eng. Language*, 1.
Second Term.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Physics*, 3. *Anglo-Saxon*, 1. *German*, 1. *Comparative Philology*, 2. *Hebrew*, 2. *Botany*, 3. *Greek Comedy*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Physics*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Physics*, 3. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
Third Term.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *Physics*, 3. *German*, 3. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Zoölogy*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *History of Education*, 1. *Physics*, 3. *Zoölogy*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *History of Education*, 1. *Physics*, 3. *German Literature*, 2. *Zoölogy*, 3. *Early English*, 1.

PARALLEL COURSES OF STUDY—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Greek Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3. *Astronomy*, 2.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3. *Astronomy*, 2.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature or Italian*, 2. *Analytical Chemistry*, 3, (6). *Zoölogy*, 3. *Astronomy*, 2.
	SECOND TERM.	Moral Philosophy, 4. Art History, 1. English Literature, 5. Philosophy of History, 1. *History of Philosophy*, 3. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Greek Tragedy*, 3. *International Law*, 2. *Geology*, 3. *Mineralogy*, 2. *Astronomy*, 2. *Bible History and Ethics*, 3.	Moral Philosophy, 4. Art History, 1. English Literature, 5. Philosophy of History, 1. *History of Philosophy*, 3. *French Literature or Italian*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Geology*, 3. *Mineralogy*, 2. *Bible History and Ethics*, 3. *Astronomy*, 2.	Moral Philosophy, 4. Art History, 1. Philosophy of History, 1. English Literature, 5. *History of Philosophy*, 3. *French Literature or Italian*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *International Law*, 2. *Geology*, 3. *Mineralogy*, 2. *Bible History and Ethics*, 3. *Astronomy*, 2.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.	Art History, 1, Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *History of Civilization*, 3. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.

College of Medicine.

There are two systems of medical education in vogue in this country. One system opens its inviting arms, without discrimination, to every applicant for medical honors, whether he be the well trained and science-loving student, or an adventurer fresh from the forest, the anvil or the stable, whose whole literary education consists in a slight and perhaps contemptuous acquaintance with the rudiments of education.

This system requires the student to hear lectures every day on all the branches taught, the most advanced as well as the elementary. It compels him to listen to lectures on surgery, pathology, therapeutics and obstetrics, while as yet he knows not a syllable of anatomy, physiology or materia medica. It obliges him to waste many an hour every day of his scant first course in hearkening to what he cannot fully comprehend, when these hours are all needed in studies which are pre-requisite. Its second, which is its final course of lectures, is a repetition of the first, with slight variations.

Its first compulsory examination to test the faithfulness, ability and memory of the pupil is at the close of this twice told course; and this examination is not infrequently so brief and superficial as to be of necessity, almost worthless. The great men of the profession, who were subjected to this system, became eminent not as a result of this system but in spite of it. A better system with severe requirements would have given them a better start, and would also have excluded a host of incompetent and dangerous pretenders from the profession.

This better system of medical education, the natural or graded one, is no longer a dreamy speculation. It has been fairly tested, and it has been found efficient. Those who know

it best give it the heartiest approval. Its requirements for matriculation are, or should be, more and more exacting every year. Its written and oral examinations are frequent and thorough. Its yearly and final ordeals are very searching, but the students who have brains, application and faithfulness make a triumphant success. Even those whose natural capacity is not great, succeed remarkably. Under a natural system their mental growth is rapid and astonishing. At the last they seldom fail, because their time has been husbanded and properly employed; because their studies have been interesting and delightful, inasmuch as they have been thoroughly comprehended and mastered at every step of the way.

These two systems of medical education may be contrasted briefly thus:

In one case; no preliminary examination; only two short courses of lectures required, the second identical with the first; the novice required to attend lectures on every subject every day, neglecting preliminary work because the time which might have been devoted to it has been worse than wasted in hearing learned lectures which he was not prepared to understand; valuable clinical and laboratory opportunities wasted; no examinations to advance to higher grades, for there are no grades; a final examination which is so superficial in many instances as to be little better than a farce, and whose meshes are large enough to let mediocrity and inferiority, as well as the superiority, which is always present, pass through with greatest ease.

In the other case; preliminary examinations which require a certain, even if insufficient, preparation; three years of training at the college, the novice beginning at the beginning; all his time employed in hearing and doing what he can and should understand; his capability and progress tested in each department by weekly oral and monthly written examinations; his advance from grade to grade checked if his fitness be not established; thorough clinical and laboratory work; searching yearly examinations; and a final examination, which, although of great severity, does not, except in rare instances, result in rejection, because the student has been educated in a way which accords with nature and does not violate it.

The Faculty of the College of Medicine of Syracuse University have thoroughly tested both plans of medical education. An acquaintance with the defecrive old plan from personal experience and a trial of the natural, graded system, with a careful observation of its results, for fifteen years, have fairly qualified them to judge of the comparative merits of each method.

They unanimously and heartily commend the graded plan as vastly superior in all respects to the unnatural, cramming system—or want of system—so generally in vogue. Instead of rapid distention, it secures assimilation and healthy growth. It may have few attractions for that multitude who seem more anxious to obtain, early, a diploma than to deserve one; but it has proved of the greatest practical value to that smaller number of faithful and diligent workers who were determined to earn success whether they achieved it or not.

BUILDINGS, LIBRARIES, ETC.

The buildings of the medical department are eligibly located on Orange street; nearly in the centre of the city, but a short distance from the Hospitals and Dispensary. They consist of a large brick edifice, in which are the various lecture rooms, Histological and Pathological Laboratories, Museum, &c. The Amphitheatre is spacious, capable of seating one hundred or more students, well lighted and heated, and furnished with all the necessary appliances for properly presenting the various subjects demonstrated or lectured upon. The Amphitheatre as well as the other lecture and recitation rooms in the main building have additional rooms or cabinets connecting with them in which special dissections are made and where the various preparations in use are arranged for presentation to the classes. These rooms are provided with running water and such other conveniencies as may be needed. In the rear of the main building is the chemical laboratory and dissecting room, both of which are unusually well lighted, ventilated and heated. Both dissecting room and chemical laboratory are well fitted up, and every advantage for practical work in these departments is offered to the student.

The large amount of ground owned by the University enables it to increase its facilities for work by the erection of new buildings as they may be needed. The Physiological Laboratory will in the near future be provided with more commodious quarters, and other changes for the betterment of the work in general will be made as they are, from time to time, found necessary.

The Library of the Geneva College of Medicine with the additions which have since been made to it, is at the service of students. So soon as necessary room is provided the College will come into possession of the extensive and valuable medical library collected by N. C. Husted, M. D., LL. D., of Tarrytown, N. Y. The great Von Ranke library, the general library of the University, and the public library of Syracuse, afford ample scope for reading and reference in the allied sciences.

COURSE OF STUDY.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting room, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology, Botany, and Applied Anatomy.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Practice, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Opthalmology, Dermatology and Clinics.

First year students receive practical instruction in Chemistry, with a course of Laboratory work extending through both terms. Second year students take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy, and it is designed to equip a Physiological Laboratory in the near future.

OUTLINE OF COURSES.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are the bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample conveniences of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been enabled to secure an abundance of anatomical material; so that now we can offer better advantages than ever before in this direction.

PHYSIOLOGY.—This branch is taught by means of recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demostrations on lower animals. The first year is devoted to nutriton and allied subjects, the second year to the nervous system, the special senses, and reproduction. Almost no time is given to theories, but physiological facts are carefully studied, and actual functions demonstrated when possible.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by per sonal experiment. Medical chemistry and toxicology are taken up in the second year, and the subjects of urinary analysis and detection of poisons, are thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures will be given, and in accordance with the

practice in every other department, an entire hour will be devoted to a careful oral or written examination.

These examinations have been found not only to fix the scientific principles and their practical application in the memory of the student, by necessitating frequent and thorough reviews of the preceding lectures, but to enable the teacher to test the proficiency of each pupil to ascertain and correct misapprehensions, and to elucidate and enforce what had been imperfectly understood.

Step by step the diligent student—already well fitted by an entire year's thorough training in anatomy and physiology—is advanced through his two years' course in medicine; assimilation and not cramming being the object in view.

Diagnosis is not confined to a dry enumeration of unexplained symptoms; but, as far as practicable, the *rationale* of all signs and symptoms is given and the relation of each to the morbid anatomy.

When to give active treatment, when to watch and wait, and why each individual drug in the prescription is selected are carefully pointed out and explained.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city, where senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering there give a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the State. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in operations, and thus familiarize themselves with operative procedures.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observing and noticing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, where, with the additions that are from time to time being made it serves as an important means of instruction.

OPTHALMOLOGY AND OTOLOGY.—The course of instruction in Opthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class will be required to examine and diagnose the cases.

Special attention will be drawn to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class. in diseases of the skin combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great medical centers of the country. St. Joseph's Hospital containing one hundred and three beds, and the House of the Good Shepherd with forty five beds, constantly furnish abundant material for the medical and surgical clinics. At those hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity given to all members of the class to examine and study the cases personally.

The new maternity Hospital and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are bettered.

Each year one of the graduates is selected as house-physician to St Joseph's Hospital.

BOOKS RECOMMENDED.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY—Quain	Gray, Weisse, Holden.
PHYSIOLOGY { Foster, 1st year. Landois & Sterling, 1st ed., 2d year	Kirke, Flint.
CHEMISTRY—Attfield, Tyson	Richter, Towne.
SCIENCE AND ART OF MEDICINE—Flint	Roberts, Bartholow, Loomis, Strumpel Niemeyer.
SURGERY—Bryant	International Encyclopedia of Surgery.
MATERIA MED. AND THER.—Wood, H. C.	Bartholow, Brunton.
OBSTETRICS—Lusk	Playfair, Galabin.
GYNÆCOLOGY—Thomas	Emmet Munde.
DISEASES OF CHILDREN—Smith, J. Lewis.	Meigs & Pepper, Goodhart, Money.
HISTOLOGY—Klein	Klein & Smith, Atlas of Histology.
PATHOLOGY—Green	Ziegler, Cornil & Ranvier, Wagner.
HYGIENE—Wilson	Parkes, Buck.
OPTHALMOLOGY—Nettleship	Wells & Meyer.
OTOLOGY—Roosa	Politzer.
DERMATOLOGY—Duhring	Fox, Bulkley, Kaposi.

THE COLLEGE YEAR

Begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length.

The first term of the College year begins Tuesday, October 1, 1889, and ends on the second Tuesday of February, 1890. The second term commences on the day following, and ends on the second Thursday of June, 1890.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

All students who enter for the regular course are required to exhibit evidence of possessing a fair preliminary education. Graduates of recognized colleges, scientific schools, academies, or like institutions, or those who are able to present certificates from such institutions certifying to their proficiency in the preliminary studies, are not required to pass the entrance examinations.

All others will be required to pass an examination in

(1.) *Arithmetic*—entire—including the metric system; but not the technical parts of commercial arithmetic.

(2.) *Algebra, through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(3.) *Geometry:* First Book of Wentworth's Elements of Geometry, or its equivalent.

(4.) *English Grammar.*

(5.) *Natural Philosophy*, J. D. Steele's work, or its equivalent.

(6.) *Composition:* Every applicant will be required to write a letter of not less than three hundred words. The subject will be announced at the examination; the orthography, construction and penmanship will be factors for consideration.

(7.) *Latin:* The translation of a passage selected from one of the first four books of *Cæsar's Commentaries*, and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

[Arrangements have recently been made by which candidates not prepared in Latin will receive instruction in this language, without extra expense and without interfering with their medical studies.]

These examinations are in writing.

Regent's certificates are accepted for the studies which they cover. Candidates who pass all the seven requirements for entrance are admitted *unconditionally*. Those who pass in four out of the seven subjects are admitted *conditionally*. Candidates who are conditioned are allowed to enter the classes with the other students, but are *unclassified* until they have passed in the studies in which they were conditioned.

Candidates rejected or conditioned can be re-examined at any of the June annual examinations by giving due notice to the Registrar of the intention to do so, or, without notice, at the yearly entrance examinations in October.

The entrance examinations are held at the College the first Tuesday of October, at 3 o'clock P. M.

EXAMINATIONS, &C.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. Examinations are held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who may enter after the beginning of either term, but private examinations for promotion to higher grades, are not permitted.

The above examinations are in writing. and the student is expected to attain a high standard of proficiency. In addition

to these examinations, candidates for the degree are examined orally by a board of Censors who are not members of the Faculty, appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will come prepared for examination on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, with thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examination of the first, second and third years.

But official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

FEES AND EXPENSES.

For Matriculation, $5.00; Anatomy, $5.00; Tuition for each year, $80 00; for Graduation, $25.00. If payment is made for the three years in advance, the charge will be $200.00. Children of *regular* physicians and the children of clergymen may avail themselves of a reduction of one-half from the above tuition fees. Students from other departments of the Uni-

versity are not required to pay the matriculation fee. Those not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

The fees are to be paid within ten days after registration. Notes are not received in payment for college dues. No degree can be conferred, or certificate of time given, until all dues to the College are paid. Graduates to this College have perpetual free admission. Graduates of less than three years, from other recognized Medical Schools, will be admitted on payment of the matriculation fee and $50.00 per year tuition.

The expenses of living are less in Syracuse than in many cities. Board can be obtained for $3.50 and upwards. Students are requested, on their arrival in this city, to call on the Janitor at the College, who will assist them in the selection of boarding places.

PRIZES.

Two prizes are conferred annually by the College; the first is given to that student who has the highest average general grade for the entire three years of study; the second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500, paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000, paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, W. H. Dunlap, M. D., Syracuse, N. Y.

College of Fine Arts.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that the scope of this College shall ultimately include instruction in all the Fine Arts, that is:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

At present, courses of instruction in Architecture, Painting, and Music only have been organized. Other courses will be organized as early as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra as far as to the Calculus of Radicals, plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in at least one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with

the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, i. e., those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See Calendar.)

An annual Exhibition of the works of Art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music;* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music, without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

A graduate in either of the above courses who shall have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in his particular branch of Art; examination in an approved course of reading in Esthetics and in the history of his department of Art; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

COURSES OF STUDY.

The following schedules exhibit the Courses of Study in Architecture, Painting and Music. A limited amount of sub-

stitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from Patterns, 5. Drawing from the Solid, 3. Algebra, 4. German Language, 3.	Architectural Drafting, 2. Drawing from Nature, 3. Linear Perspective, 2. Water Color Painting, 2. Trigonometry, 4. Physics, 3.	Architectural Drafting, 5. Modeling, 3. Isometrical Perspective, 2. Esthetics, 1. Medieval History, 2. French Language, 4.	Architectural Drafting, 5. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Strength of Materials, 5. Italian Language, 2. Geology, 3. Two Essays on Art.
SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Solids, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 3. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. History of Fine Arts in Outline, 1. Modern History, 3. French Language, 3. Chemistry, 4.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 2. Shades and Shadows, 2. Geometry, 5. German Language, 5.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. History of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 2. Modern History. 2.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

Course in Painting.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Linear Perspective, 5. Drawing from the Flat, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 3. Medieval History, 2.	Oil Painting, 5. Drawing from Casts, 3. Modeling, 2. Esthetics, 1. French Language, 4.	Oil Painting, Landscape, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Italian Language, 2. Political Economy, 3. Two Essays on Art.
Second Term.	Linear Perspective, Shades and Shadows, 5. Drawing from Solids, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Water Color Painting, 5. Artistic Anatomy, 5. Animal Drawing, 2. Modern History, 3.	Oil Painting, 5. Drawing from Casts, 2. Etching, 3. History of Fine Arts in Outline, 1. English Literature, 3. Chromatology, 2.	Oil Painting, Figure, 5. Drawing from Life, 4. Decorative Art, 2. History of Sculpture, 1. Italian Language, 2. Descriptive Geology and Lithology, 3. Two Essays on Art.
Third Term.	Linear Perspective, Shades and Shadows, 5. Drawing from Casts, 2. Drawing from Nature, 3. German Language, 5. Ancient History, 2.	Water Color Painting, 5. Drawing from Nature, 3. Modeling, 3. Botany, 3. Modern History, 2.	Oil Painting, Landscape, 5. Drawing from Life, 5. History of Fine Arts in Outline, 1 Photography, 2. Physics, 3.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

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COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

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SECOND TERM.	Architectural Drafting, 3. Linear Perspective, 3. Drawing from Solids, 3. Shades and Shadows, 2. Algebra, 4. German Language, 3.	Architectural Drafting, 3. Linear Perspective, 2. Water Color Painting, 2. Descriptive Geometry, 3. Analytical Geometry, 4. Physics, 3.	Architectural Drafting, 5. Artistic Anatomy, 2. Etching, 2. History of Fine Arts in Outline, 1. Modern History, 3. French Language, 3. Chemistry, 4.	Architectural Drafting, 5. Decorative Art, 2. History of Sculpture, 1. Medieval Archæology, 1. Bridges and Roofs, 4. Italian Language, 2. Two Essays on Art.
THIRD TERM.	Architectural Drafting, 3. Linear Perspective, 2. Drawing from Casts, 2. Shades and Shadows, 2. Geometry, 5. German Language, 5.	Architectural Drafting, 3. Lettering and Illumination, 2. India Ink and Sepia Drawing, 3. Modeling, 3. Calculus, 4. Botany, 2. Ancient History, 2.	Architectural Drafting, 4. Photography, 2. History of Fine Arts in Outline, 1. Topographical Drawing, 2. Analytical Mechanics, 5. French Language, 2. Modern History. 2.	Modern Architecture, 1. History of Painting, 1. Encyclopedia Art Literature, 1. Landscape Gardening, 1. Stability of Structures, 4. Project Drawing with Specifications. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 5. Drawing from the Flat, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Drawing from Nature, 3. Water Color Painting, 5. Drawing from Casts, 2. German Language, 3. Medieval History, 2.	Oil Painting, 5. Drawing from Casts, 3. Modeling, 2. Esthetics, 1. French Language, 4.	Oil Painting, Landscape, 5. Drawing from Nature, 3. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. History and Styles of Engraving, 1. Italian Language, 2. Political Economy, 3. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Solids, 5. German Language, 3. English Criticism, 1. Elocution, 1.	Water Color Painting, 5. Artistic Anatomy, 5. Animal Drawing, 2. Modern History, 3.	Oil Painting, 5. Drawing from Casts, 2. Etching, 3. History of Fine Arts in Outline, 1 English Literature, 3. Chromatology, 2.	Oil Painting, Figure, 5. Drawing from Life, 4. Decorative Art, 2. History of Sculpture, 1. Italian Language, 2. Descriptive Geology and Lithology, 3. Two Essays on Art.
THIRD TERM.	Linear Perspective, Shades and Shadows, 5. Drawing from Casts, 2. Drawing from Nature, 3. German Language, 5. Ancient History, 2.	Water Color Painting, 5. Drawing from Nature, 3. Modeling, 3. Botany, 3. Modern History, 2.	Oil Painting, Landscape, 5. Drawing from Life, 5. History of Fine Arts in Outline, 1 Photography, 2. Physics, 3.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Theoretical Rudiments, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1. Chorus Singing, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Medieval History, 2. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Chords and Figuration, 2. French, 4.	Piano, 2, Polyphonic Forms Mus. Com., 1. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Quartet Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. German or Physics, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Italian Language, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. Modern History, 3. German Language, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Organ, 1. Smaller Forms of Musical Com., 2 French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Recital, 1. Ensemble Playing, 1. Organ, 1. Counterpoint and Fugue, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Harmony, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Recital, 1. History of Music, 1. Modulation, 2. German Language, 5.	Piano, 2. Cultivation of the Voice, 2. Violin, 2. Recital, 1. History of Music, 1. Chorus Singing, 1. Organ, 1. Smaller Forms of Musical Com., 2. French, 2. Elocution, 1. English Criticism, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 1. Recital, 1. Ensemble Playing, 1. Organ, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. Graduating Thesis.

SUBJECTS AND METHODS

—OF—

Instruction in Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, the history, and the practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to those students who may desire to pursue other studies related to the Fine Arts than those included in the courses of this College.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop the talents of the students in such a way that each student shall retain his individuality of character and manner, and not to mold after the same arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and to secure freedom and

precision in delineating and executing designs. Freehand Drawing is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series that are employed in the art schools of England, France and Germany. These include every variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent, as is fitting to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications. in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such sequence as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its special relations to Architecture, and of Landscape Gardening and Architecture.

Oil Painting.

As by far the larger portion of modern painters devote themselves mostly to painting in oil colors, much longer time

is appropriated in the curriculum to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are left to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, such as flower, fruit, animal, still life, portrait, genre, or landscape painting, or to divide their time among several of these branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses of study. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Molds, and of making casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To a certain extent, this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught the mode of printing etchings, by an excellent press.

Photography.

As a valuable aid to the architect, and more especially to the painter, photography is included in the studies of both curriculums. Any person wishing to secure a complete education

as a photographic artist may substitute extended practice in this art, for a large portion of the study assigned to oil painting, in the course in Painting, and on completing this course may receive the degree of Bachelor of Painting.

Esthetics.

Instruction is given by lectures in the general principles of the science of esthetics, which gives the foundation of all the Fine Arts. The principles of Art Criticism which apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts in outline, in which are traced the leading features of the Fine Arts, as a whole, as they have manifested themselves in history, and the relation which these arts have held to other elements of civilization. Courses of lectures are also given upon the special history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their illustration in ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Courses of lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student presents two essays of not less than six hundred words each, upon subjects relating to the Fine Arts, and dur-

ing the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts: written upon paper of designated size, to be preserved in the archives of the College.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting, and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Graduating Painting is in like manner required of the candidates in the Course in Painting.

Library and Reading Room.

As a nucleus to a library of the Fine Arts, valuable books and periodicals have already been gathered, to which additions will be made from time to time, as circumstances shall permit. Several of the most important art journals are provided in the Reading Room, thus enabling the student to have access to the latest criticisms in art, and to information concerning all important recent works upon the subject.

Esthetic Society.

An Esthetic Society has been organized by students of the College for mutual improvement, and for esthetic and social culture. During the spring and fall terms, sketching excursions are made by the society amid the picturesque scenery which abounds in the vicinity of Syracuse.

Subjects and Methods of Instruction in Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

Other instruments as the violin, viola, violoncello, cornet or clarionet, may be substituted for the piano, after the Freshman year; the organ after the Sophomore year.

Vocal instruction may take the place of instrumental after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course of Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are hygiene, physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history, and the history of civilization; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The Piano.

Lessons on the piano are given in small classes with such private instruction as is deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. Gymnasial Department.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, Köhler's Practical Piano School or Jacques Schmidt's Erster Lehrmeister is used. Also studies by Loeschorn, Lemoine, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Plaidy's Technical Studies or Herz's Scales and Chords; Lemoine op 37, Book II; Loeschhorn op. 65, Book III; Duvernoy op. 120; Burgmüller op. 100; Köhler's Progressive Studies, and easy pieces by Gurlitt, Biahl, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Heller op. 47; Czerny or Köhler's School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krouse's Trill Studies op. 2; Doering op. 8; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the work of other masters suitable to this grade.

Sophomore Year. Heller op. 45 and 46; Czerny op. 740, books I and II; Bach 2 Voiced Inventions; Loeschorn op. 38; Köhler's Arpeggio School op. 186; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramers Studies (Von Bülow); Heller's Art of Phrasing; Clementi Gradus ad Parnassum; Bach 3 Voiced Inventions; Moscheles op. 70; Czerny Fingerfertigkeit, books III and IV; Köhler's Special Studies; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Saint Saens, op. 52; Concertos and concerted pieces by Beethoven, Men-

delssohn, Chopin, Rubinstein and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners, the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., Selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II. of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op. 45 or 1st part of Gradus ad Parnassum, by Jacques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practicable. Selections from the following are made according to the ability of the student; Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc.; Later, Part III. of Henning's Violin School; Scales in three Octaves, by Hüllweck, Part I. of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, De Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 aud Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for the study of the Organ, the students will devote the first two years to practicing upon the Piano.

Ritter's Art of Organ Playing will be used, supplemented by compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The one in the University Chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

Cultivation of the Voice.

This important branch of musical instruction receives careful attention. Students are trained either singly or in classes, and in the classes ample opportunity is afforded for the individual student to observe the efforts of others and to hear the criticisms of the Professor upon their exercises. The development of the same timbre and beauty of tone throughout the entire voice, correct breathing, correct vowel formation, articulation and pronunciation first receive attention.

Federlein's Practical School of Voice Culture is employed. Subsequently, Vocalises of Concone, Sieber, Abt, Panofka and others are added, and the works of the best German, Italian and French song writers interpreted as the student's ability may warrant.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which every student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

THEORY OF MUSIC.

The theory of Music, embracing Harmony, Musical Forms, Counterpoint and Fugue is taught in Classes. Goetschius' Materials of Composition and Stainer's Treatise on the Fugue are used. Instruction is given by lectures, with abundant illustrations, and explanations upon the blackboard, of which the candidates for graduation are required to make careful digests.

ORCHESTRAL PRACTICE.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

HISTORY OF MUSIC.

Lectures are given upon the History of Music during the entire Sophomore and Junior years. Readings are also appointed for the classes, between the lectures.

EUTERPE SOCIETY.

The students of music have organized a Euterpe Society, which meets fortnightly for mutual improvement in musical and social culture. At the meetings essays and selections are read, and musical selections are rendered by the members.

PROFESSIONAL CONCERTS.

Arrangements are frequently made whereby the students of music can at reduced rates, attend professional concerts, of which a large number are given in Syracuse.

TEACHING.

Opportunity will be given to advanced students who are fully qualified to do so, to assist in instructing the preliminary classes in Music, for the purpose of giving pedagogic experience under the supervision of the Faculty.

CALENDAR.

1890.

January	7,	*Tuesday*, Winter term begins.
"	30,	*Thursday*, Day of Prayer for Colleges.
February	6,	*Thursday*, 8 P. M., Senior Orations.
"	11,	*Tuesday*, First term of the College of Medicine ends.
"	12,	*Wednesday*, Second term of the College of Medicine begins.
March	6,	*Thursday*, 8 P. M., Senior Orations.
March 28, April	1,	*Friday—Tuesday*, Term examinations.
April	1–2,	*Tuesday, Wednesday*, Supplementary examinations.
April	8,	*Tuesday*, Spring term begins.
May	1.	*Thursday*, Seniors present their Commencement Orations.
June	4–6,	*Wednesday—Friday*, Final examinations of Seniors.
"	12,	*Thursday*, Second term of the College of Medicine ends.
"	17–19,	*Tuesday—Thursday*, Term examinations.
"	19–20,	*Thursday, Friday*, Supplementary examinations.
"	21,	*Saturday*, 10 A. M., Annual Meeting of University Senate.
"	22,	*Sunday*, 10:30 A. M., Baccalaureate Sermon.
"	23–25,	*Monday—Wednesday*, Annual Exhibition of Work of Art produced during the year.

June	23,	*Monday*, 9 A. M., Entrance examinations begin. 2:30 P. M., Class Day exercises. 8 P. M., Annual Musical Soiree.
"	24,	*Tuesday*, 10 A. M., Annual Meeting of Trustees. 10 A. M., Annual Meeting of Alumni Association. 3 P. M., Literary Meeting of Alumni Association in the Chapel.
"	25,	*Wednesday*, 2 P. M., COMMENCEMENT.
"	26,	*Thursday*, Summer Vacation begins.
September	15,	*Monday*, 9 A. M., Entrance examinations begin.
"	18,	*Thursday*, Fall term begins. Students assemble in Chapel at 9:30 A. M.
October	7,	*Tuesday*, First term of the College of Medicine begins.
"	30–31,	*Thursday*, *Friday*, Examinations for rank.
November	6,	*Thursday*, 8 P. M., Senior Orations.
"	27–29,	*Thursday—Saturday*, Thanksgiving Recess
December	4,	*Thursday*, Senior Orations.
"	16–18,	*Tuesday—Thursday*, Term examinations.
"	18,	*Thursday*, *Friday*, Supplementary examinations.
"	19,	*Friday*, Fall term ends. Holiday Recess. begins.
1891		
January	6,	*Tuesday*, Winter term begins.
"	29,	*Thursday*, Day of Prayer for Colleges.
February	5,	*Thursday*, 8 P. M., Senior Orations.
"	10,	*Tuesday*, First term of the College of Medicine ends.
"	11,	*Wednesday*, Second term of the College of Medicine begins.
March	5,	*Thursday*, 8 P. M., Senior Orations.

March 27–31, *Friday—Tuesday*, Term examinations.
" 31, April 1, *Tuesday, Wednesday*, Supplementary examinations.
" 7, *Tuesday*, Spring term begins.

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Professor of Surgery, 427 South Salina street.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy, 452 South Salina street.

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Professor of Dermatology, 408 East Genesee street.

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Professor of Materia Medica and Therapeutics,
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Lecturer on Mental Diseases, Idiot Asylum.

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Lecturer on Anatomy, 223 Montgomery street.

HENRY H. PEASE, M. D.,
Demonstrator of Anatomy, 320 Montgomery street.

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Instructor in Physiology, 602 Lodi street

WM. A. CURTIN, M. D.,
Instructor in Physiology, 301 East Fayette street.

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JAMES G. RIGGS, A. B.,
Principal of Gymnasium "E," Yates Union School, Chittenango.

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Principal of Gymnasium "F," Genesee Wesleyan Seminary, Lima.

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General Information.

COLLEGES.

The University has three Colleges organized and in operation. These are :

I. THE COLLEGE OF LIBERAL ARTS,
II. THE COLLEGE OF FINE ARTS,
III. THE COLLEGE OF MEDICINE.

They are open to men and women on the same conditions.

GROUNDS AND BUILDINGS.

The University Campus contains fifty acres and is beautifully situated in the southeastern part of the city, commanding views of the surrounding country for many miles.

The Hall of Languages, occupied by the College of Liberal Arts is a dressed limestone building 180 by 96 feet, four stories in height.

The Charles Demarest Holden Observatory is built of rock-faced gray limestone. It is equipped with an eight inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, etc. It is also provided with apparatus for meteorological observations.

The Library Building, constructed of limestone and Trenton brick, with terra cotta trimmings, was completed in 1889. It has abundant room for all needed library appliances, and shelving in the stack room for 135,000 volumes.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. About thirty-five of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Scientific Course, *Bachelor of Science;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor of Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Course of Study, published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

EXPENSES.

In the College of Liberal Arts, the tuition is $20.00 per term; to the sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for tuition in the College of Liberal Arts, to be paid at his earliest convenience after leaving College. An incidental fee of $3 00 per term is charged in this College. The cost of materials used in the Chemical and Physical Laboratories is defrayed by the student and does not exceed $5.00 per term in each.

In the College of Fine Arts the tuition is $100 a year; ($33⅓ a term); to sons and daughters of clergymen, $50 a year. Students desiring to do so, may arrange for private instruction in music by engaging the entire hour. The following is a schedule of prices for such students in music as do not pay regular tuition:

Two Piano, Vocal, or Violin lessons of one hour each per week (in classes of three),	$15.00
One Piano, Vocal, or Violin lesson of one hour each per week (in classes of three),	8.00
Two Organ lessons of one hour each per week (in classes of three),	16.00
One Organ lesson of one hour per week (in classes of three),	9.00
Two Theory lessons of one hour each per week (in classes),	6.00

A matriculation fee of $5.00 is required of every student, on admission to the University, and $20 for graduation and diploma.

In the College of Medicine, the fees and expenses are:

Matriculation,	$ 5.00
Anatomy,	5.00
Tuition for each year,	80 00
For Graduation,	25.00

If payment is made for the three years in advance, the charge will be, after matriculation, $200.00.

Children of regular physicians and the children of clergymen, may avail themselves of a reduction of one-half the above tuition fee for each year, or if payment is made for the three years in advance, the charge will be, after matriculation, $100.00.

Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

College of Liberal Arts.

Faculty of the College of Liberal Arts.

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William Penn Abbott Professor of Greek and Ethics.
REV. JOHN J. BROWN, LL. D.,
Emeritus Professor of Chemistry and Physics.
GEORGE F. COMFORT, L. H. D.,
Professor of Modern Languages and Esthetics.
FRANK SMALLEY, A. M.,
Professor of Latin Language and Literature.
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William Griffin Professor of History and Logic.
J. SCOTT CLARK, A. M.,
Professor of Rhetoric, English Criticism and Elocution.
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Professor of Geology, Botany and Zoology.
EUGENE HAANEL, PH. D., (BRESL.,) F. R. S. C.,
Professor of Physics and J. Dorman Steele Professor of Theistic Science.
JOSEPH T. FISCHER, B. PH.,
Instructor in Modern Languages.
HENRY A. PECK, A. M.,
Instructor in Mathematics.
ERNEST N. PATTEE, B. S.,
Instructor in Chemistry.
ORATOR F. COOK, B. PH.,
Instructor in Biology.

JOHN R. FRENCH,
Secretary of the Faculty.
L. M. UNDERWOOD,
Curator of the Museum.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and includes a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Scientific Course, in the place of Latin and Greek, substitutes German and French, and some additional studies in mathematics, natural sciences, literature, history and philosophy.

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is larger.

Students preparing for college are advised to study stenography wherever practicable, as it will be of great service in taking notes of lectures.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:—

(1.) English Grammar.—

(2.) Geography.—Ancient and Modern; Political and Elements of Physical.

(3.) History.—*United States; Roman*, to the end of the third Punic War.

(4.) Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5.) Physics.—J. Dorman Steele's work or its equivalent.

(6.) Human Physiology.—Equivalent to J. D. Steele's work.

(7.) LATIN.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues,* and six books of the *Æneid,* with special reference to the prosody; Allen and Greenough's *Latin Composition,* part first complete. (8.) GREEK.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad,* and the first three chapters of Boise's *Greek Prose Composition.*

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin Scientific Course are examined in the studies required for the Classical Course, excepting the Greek; and also in one year's work in German, showing ability to read easy German at sight.

3. Candidates for the Scientific Course are examined in all the studies required for the Latin Scientific Course.

II. TO ADVANCED CLASSES.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. SPECIAL STUDENTS.

Students who do not desire to complete any of the regular courses of study, may pursue such studies as their qualifications permit. They are expected to attend such general exercises as may be assigned to them, be subject to all the general rules, and take work enough to occupy all their time.

TREATMENT OF SUBJECTS.

1—ENGLISH LITERATURE.

The work in this department embraces the study of English Literature from its beginnings to the present, and so much of the history of the English people and language as is necessary to an intelligent comprehension of the literature.

The writings of the best authors are examined and characterized in the classes. While much of the instruction is given by lectures, text-books are retained and used.

FRESHMAN YEAR: Welch's English Literature and Language, Vol. I.

SENIOR YEAR: Welch's English Literature and Language, Vol. II.

SENIOR YEAR; (Elective): Lectures on Literary Style and Composition, and English and American Classics.

2.—LATIN LANGUAGE AND LITERATURE.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar, as the constant reference manual—and Smalley's Latin Analysis, as an exercise in Etymology designed to secure the careful study and correct analysis of Latin words.

FRESHMAN YEAR: *First term*, Cicero, Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, Books I and XXI; Prose Composition; Roman History; exercises in writing translations of Livy. *Third term*, Juvenal's Satires; written translations of Juvenal, and exercises in reading Latin at sight.

SOPHOMORE YEAR: *Second term*, Horace; selections from the Odes, Epodes, Satires and Epistles; essays on Roman life, customs, dress, buildings, utensils, economy, etc Prosody is reviewed and constant attention given to scanning the meters of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul; brief lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term*, (elective) either of

the following: Tacitus; Germania and Agricola, or Champlin's Selections: Lucretius; De Rerum Natura: Quintilian; Institutes of Oratory, Books X. and XII: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets Catullus, Tibullus, Propertius, Lucan, etc.: Latin Literature; Bender, with sight reading of selections covering the entire range of the literature.

SENIOR YEAR: *First term*, (elective) Cruttwell's Roman Literature, with lectures on the origin and development of the Latin Language and its early records and relics.

3.—GREEK LANGUAGE AND LITERATURE.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the forms and sense of words together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY, and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

The authors most generally read are Homer, Aeschylus, Sophocles, Euripides and Pindar among the Poets, Demosthenes and Lysias in oratory and Plato in Philosophy.

FRESHMAN YEAR: *First term*, Owen's Homer's Iliad, four books; Hadley and Allen's Greek Grammar. *Second term*, Demosthenes on The Crown; Boise's Greek Prose Composi-

tion. *Third term*, Demosthenes on the Crown, completed. Boise's Greek Prose Composition.

SOPHOMORE YEAR: *First term*, Plato's Apology and Crito: Lectures on Greek Philosophy. *Third term*, Greek Tragedy: Lectures on the Greek Drama.

JUNIOR YEAR: *Second term*, Greek Comedy (elective).

SENIOR YEAR: *First term*, Greek Testament (elective): *Second term*, (elective) Anthologie aus den Lyrikern der Griechen, Buchholz.

4.—MODERN LANGUAGES.

GERMAN; FIRST YEAR: *First term*, Comfort's German Course, 77 pp., Comfort's First German Reader, 20 pp. *Second term*, Anderson's Ausgewählte Märchen, or Grimm's Märchen 100 pp., Comfort's German Course, Part II Use of Infinitive and Subjunctive, auxiliary, potential and irregular verbs, interrogative, relative and indefinite pronouns. *Third term*, Comfort's German Reader, 60 pp. or German composition based on outlines of political geography and government of Germany.

SECOND YEAR: *First term*, Selections from Gœthe, Schiller, or Lessing, or 30 pp. Comfort's German Reader with exercises of translating English into German and the formation, derivation and composition of words. *Second term*, Outlines of History of German Literature. *Third term*, Some classic Drama and Keller's Mustersammlung Deutcher Gedichte.

FRENCH; FIRST YEAR: *First term*, Edgren's French Grammar, Part I, Rocherolles Secondes Lectures, and short selections from Claretic, Lemounier and other modern writers. *Second term*, Short story from Halevy, About, Dumas, with Hugo's Hernani. *Third term*, Dandet's Fromont Jenne et Risler, Ainé or some other modern French novel.

SECOND YEAR: Demogeot's History of French Literature, and various classic dramas.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's College)—Quadratic equations, reviewed, calculus of radicals, theory of indeterminate coefficients, binominal theorem and its application to

the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's)—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binominal differentials, rectifications and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin Scientific Courses; *Mechanics*. (Bowser's)—[elective in the Classical and Latin Scientific Courses, required in the Scientific Course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy, (Young's)—The first term's work in this subject is required in all the courses and embraces the elementary principles of mathematical and physical Astronomy, such as Parallax, Refraction, Latitude and Longitude, dimensions and form of the Earth, its orbital motion, Precession, Nutation, Aberration, Elements of a planet's orbit, Theory of tides and eclipses, including the computation of a Lunar eclipse in full. The subject of Descriptive Astronomy is pursued as an elective in the fall term of the Senior year; and in the winter and spring terms special classes will be formed for observatory work. No person is eligible to the class for observatory work

who has not satisfactorily accomplished the work of both the preceding terms.

6.—Chemistry.

Chemistry is pursued in the Junior year; including the history of Chemistry and Chemical Philosophy; Stoichiometry and the univalent elements; the metals and organic Chemistry.

The lectures are illustrated by experiments and followed by frequent reviews and examinations.

In the Senior year students in Analytic Chemistry conduct with their own hands, a systematic course of qualitative analysis, under the supervision and direction of the professor.

To those desiring it, instruction is given in quantitative analysis, Chemical Technology and Toxicological investigations.

A set of apparatus and reagents sufficient for laboratory use is furnished to each student at the opening of the term. A fee of five dollars is charged to cover these expenses, and in addition the student pays, at wholesale rates, for all apparatus broken by him during the term.

A new chemical laboratory has been fitted up, in which ample accommodations are provided for all students who many elect qualitative or quantitative analysis.

7.—Physics.

During the Sophomore year a general course of lectures is delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics and the Correlation and Conservation of Energy.

The notes taken of the lectures in the class room are required to be put into proper form and transcribed into a notebook. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations upon any subject lectured upon are held throughout the term. The percentage made at these examin-

ations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determines the standing of the student in this subject.

Elective Physics.—Electricity and Magnetism, which have assumed such importance in modern times, have been selected for the course in Elective Physics, to train students in the methods of physical enquiry and to introduce them into the knowledge of physical measurements. For this purpose a Physical Laboratory has been fitted up with convenient tables for work. Complete sets of apparatus and measuring instruments have been provided for the use of students by the Board of Trustees, and through the liberality of Mrs. Dr. J. Dorman Steele the Laboratory and Physical Cabinet have been fully equipped with *standard* instruments of the most recent and improved pattern, constructed for the institution by the best makers abroad. The tool-room, furnished with lathes and planer and other necessary tools, provides the requisites for the setting up of apparatus and the making of such simple accessory apparatus as may be demanded by the course of lectures given in Electricity and Magnetism. The subject is treated by lectures, in which the theories of the subject are developed and instructions given for the successful performance of experiments in illustration of the fundamental facts of the science. The course is intended to serve as a sound basis for those who desire to make electric engineering their profession, and to enable those who may wish to teach the sciences to acquire the skill necessary for successful experimentation and accuracy in physical measurements. The examination at the end of the year is entirely practical, consisting in experimentally verifying the important facts of the subject.

8.—Mineralogy.

A course of lectures will be delivered on Crystallography fully illustrated by models, on the physical character of Minerals and on Blowpipe Analysis. Facilities for practical work will be afforded in the chemical laboratory. Tables furnished by the Institution provided with Bunsen's Burners and the necessary reagents, are supplied at $3.00 per term.

The following tools are required to be purchased by the student; Blowpipe with platinum point and Platners mouthpiece, platinum pointed forceps, platinum wire, wireholder, hammer, and boxes of test minerals.

The examination in this subject is entirely practical and consists in determining the system, formula, description and derivation of any two out of the collection of one hundred crystallographic models, and a description of the physical character and determination of the chemical constituents of any two minerals furnished in a sealed box by the examiner.

9.—Geology, Zoology and Botany.

The work in this department is uniform in all courses. In the last term of the Sophomore year students receive instruction in (1) the general principles of biology and (2) simple methods of practical work, consisting of the examination with a hand lens of the structures of the higher plants. To those students whose work in this subject is of a high grade there is open a course extending through four terms usually divided between botany and zoology. This work is almost wholly practical, consisting of examination of plant and animal structures with the compound microscope, and the study of the life history of typical forms of plants and animals. Collateral reading is also required. In the first term of the Senior year geology is required in all courses. A second term of this subject is elective. The work of the first term is general, that of the second is more special.

For the accommodation of students in this department a special laboratory has recently been fitted up provided with seventeen compound microscopes and other accessories.

10.—Esthetics.

Weekly lessons are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

II.—Rhetoric, English Criticism, and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the entire course.

In English Criticism especial attention is given to punctuation and form; students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions by the printer. Instruction, with exercises, in the formation of Essay Outlines is also made a prominent feature.

In Elocution, the aim is constantly toward natural rather than artificial methods of delivery. Throughout the course especial stress is laid upon distinctness of enunciation. In gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterwards modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard.

Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

All Essays and Orations are carefully revised by noting, in the margin, the number of every principle of form or style there violated. The best of the Freshman and Sophomore essays are read in class, and the essays and orations of the Junior and Senior year are delivered either in chapel or at public exhibitions. Selections are made from the Commencement orations for delivery at Commencement.

Early English—An elective course of one hour per week in each term of the Junior Year is provided in (1) History of the English Language, (2) Anglo Saxon, (3) Early English. The course is consecutive and is intended to give the student a working knowledge of the origin of his native tongue.

SCHEDULE OF WORK.

		English Criticism.	Elocution.	Essays and Orations.
Freshman Year.	First Term.	Clark's Practical Rhetoric, pp. 1–62 and 241–282.	The *Science* of Elocution, Phonology, and Physical Exercises.	Three Essays of from 500 to 600 words each.
	Second Term.	Practical Rhetoric, pp. 63–144 and pp. 283–298.	The *Art* of Elocution. Reading of Dickens's Christmas Carol.	Three Essays of from 500 to 600 words each.
	Third Term.	Practical Rhetoric, pp. 145–186.	Reading of Semi-Dramatic Selections.	Three Essays of from 500 to 600 words each.
Sophomore Year.	First Term.	Practical Rhetoric, pp. 187-240 and pp. 303-356.	Bacon's Manual of Gesture, with notes on Delsarte.	Three Essays of from 600 to 700 words each.
	Second Term.	Analysis of Prose Masterpieces.	Three Forensic Declamations.	No Essays required.
	Third Term.	Analysis of Prose Masterpieces.	Reading of Shakespeare, with notes on the Interpretation of his Characters. (*Elective.*)	Three Essays of from 600 to 700 words each.
Junior Year.	First Term.	Meiklejohn's History of the English Language, pp. 193–268.	Three Semi-Dramatic Declamations.	One Chapel Oration or Essay of from 700 to 800 words.
	Second Term.	Corson's Hand-Book of Anglo-Saxon and Early English.	Debates on Prescribed Questions, with References.	Same as first term.
	Third Term	Corson's Hand-Book of Anglo-Saxon and Early English.	Choice between Shakespearian Readings and Debating.	Same as first term.
Senior Year.	First Term.			One Oration or Essay of 800 words, delivered at a public gathering in the College Chapel.
	Second Term.			Same as first term.
	Third Term.	Analysis of Poetic Masterpieces. (*Elective.*)		One Commencement Oration or Essay of 800 words.

12.—Ethics and Christian Evidences.

In the Department of Ethics and Christian Evidences, the subjects are taught by text-books and lectures.

Senior Year. *Second term*, Calderwood's Handbook of *Moral Philosophy; Third term*, Hopkins' *Evidences of Christianity.*

13.—History.

History is studied in its principles as well as in its facts; not only in the records of the past, but in existing institutions and contemporary life.

The instruction is both by lecture and by text-books, the chief purpose being to familiarize the student with the best methods of study and the best sources of information.

Chronology, Geography, Genealogy and Ethnography are discussed in their principles and application.

Lectures are given, in connection with text-books, on Roman Life, Mohammedism, the Crusades, Mediæval Life and Literature, the Reformation and the French Revolution.

English and American Constitutional History are closely studied, and much attention is given to Comparative Politics. Special courses are accessible to the Juniors and Seniors. The Renaissance and the Revolutions of Modern Times are the chief topics of study. Students in these classes are expected to prepare dissertations and portraitures of important characters; they are also instructed in regard to the authorities and literatures of the periods investigated by them, and in the criticism of historical works.

The lectures on the Philosophy of History are designed to determine the scope and character of Scientific History, and to summarize its principles.

14.—Logic.

Great stress is laid in the teaching of Logic, upon the methods of Induction and all the processes subsidiary to them.

15.—Jurisprudence and Constitutional Law.

These subjects are at present taught by the Professor of History. Holland's able Treatise is the text-book in the former; in the latter much of the instruction is by lectures.

PARALLEL COURSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

		CLASSICAL.	LATIN SCIENTIFIC.	SCIENTIFIC.
FRESHMAN YEAR.	FIRST TERM.	Algebra, 4. Physiology, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Physiology, 3. Chemical Physics, 2. German, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1	Algebra, 4. Chemical Physics, 2. German, 3. Mechanical Drafting, 2, (4). English Literature, 3. English Criticism, 1. Elocution, 1.
	THIRD TERM.	Geometry, 4. Latin, 3. Greek, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Latin, 3. German, 5. Ancient History, 2. English Criticism, 1. Elocution, 1.	Geometry, 4. Chemical Physics, 2. German 5. Ancient History, 2. Architectural Drawing, 2, (4). English Criticism, 1. Elocution, 1.

PARALLEL COURSES OF STUDY—CONTINUED.

SOPHOMORE YEAR.	FIRST TERM.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2, (4). English Criticism, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Perspective Drawing, 3, (6). English Criticism, 1. Elocution, 1.
	SECOND TERM.	Analytical Geometry, 4. Modern History, 3. German, 3. Physics, 3. Latin, 3. English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Latin, 3. Mechanical Drafting, 2, (4). English Criticism, 1. Elocution, 1.	Analytical Geometry, 4. Modern History, 3. German, 1. Physics, 3. Perspective Drawing, 2, (4). Isometrical Projection, 2, (4). English Criticism, 1. Elocution, 1.
	THIRD TERM.	Biology, 2. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Criticism, 1. *Elocution, 1.* *Surveying, 3.*	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Architectural Drafting, 2, (4). *Surveying, 3.*	Biology, 2. Calculus, 4. Modern History, 2. German, 3. English Criticism, 1. Elocution, 1. Surveying, 3.

PARALLEL COURSES OF STUDY—CONTINUED.

JUNIOR YEAR.	FIRST TERM.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *German*, 3. *History of Eng. Revolutions*, 2. *Free Hand Drawing*, 2, (4). *Hebrew*, 2. *Botany*, 3, (6). *Physics*, 3. *History of Eng. Language*, 1.	French, 4. Logic, 4. Latin, 3. Elocution, 1. *Calculus*, 4. *Botany*, 3, (6). *History of Eng. Revolutions*, 2. *Physics*, 3. *History of English Language*, 1.	French, 4. Logic, 4. Elocution, 1. Calculus, 4. *American Revolution*, 1. *Botany*, 3, (6). *History of Eng. Revolution*, 2. *Physics*, 3. *History of Eng. Language*, 1.
	SECOND TERM.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *Mechanical Drafting*, 2, (4). *History of French Revolution*, 2. *Latin*, 3. *Physics*, 3. *Anglo-Saxon*, 1. *German*, 1. *Hebrew*, 2. *Botany*, 3. *Greek Comedy*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Latin*, 3. *Physics*, 3. *Anglo-Saxon*, 1. *Botany*, 3.	French, 3. Astronomy, 4. Chemistry, 4. Elocution, 1. *History of French Revolution*, 2. *Physics*, 3. *Anglo-Saxon*, 1. *German Literature*, 2. *Botany*, 3.
	THIRD TERM.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *German*, 3. *Architectural Drafting*, 2, (4). *Hebrew*, 2. *Zoölogy*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *Zoölogy*, 3. *Early English*, 1.	French, 2. Chemistry, 2. Psychology, 4. Elocution, 1. Mechanics, 5. *Physics*, 3. *German Literature*, 2. *Zoölogy*, 3. *Early English*, 1.

PARALLEL COURSES OF STUDY—CONCLUDED.

SENIOR YEAR.	FIRST TERM.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature*, 2. *Greek Testament*, 3. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3. *Astronomy*, 2.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature*, 2. *Analytical Chemistry*, 3, (6). *American Revolution*, 1. *Roman Literature*, 2. *Zoölogy*, 3. *Astronomy*, 2.	History of Philosophy, 3. Geology, 3. Esthetics, 1. *Political Economy*, 3. *Jurisprudence*, 3. *French Literature*, 2. *Analytical Chemistry*, 3, (6). *Zoölogy*, 3. *Astronomy*, 2.
	SECOND TERM.	Moral Philosophy, 4. Art History, 1. English Literature, 5. Philosophy of History, 1. *History of Philosophy*, 3. *French Literature*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *Greek Tragedy*, 3. *History of Civilization*, 3. *Geology*, 3. *Mineralogy*, 2. *Astronomy*, 2. *Bible History and Ethics*, 3.	Moral Philosophy, 4. Art History, 1. English Literature, 5. Philosophy of History, 1. *History of Philosophy*, 3. *French Literature*, 2. *German Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *History of Civilization*, 3. *Geology*, 3. *Mineralogy*, 2. *Bible History and Ethics*, 3. *Astronomy*, 2.	Moral Philosophy, 4. Art History, 1. Philosophy of History, 1. English Literature, 5. *History of Philosophy*, 3. *French Literature*, 2. *Const. History of England*, 2. *Analytical Chemistry*, 2, (4). *History of Civilization*, 3. *Geology*, 3. *Mineralogy*, 2. *Bible History and Ethics*, 3. *Astronomy*, 2.
	THIRD TERM.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.	Art History, 1, Christian Evidences, 5. Constitutional Law, 3. *German Literature*, 2. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.	Art History, 1. Christian Evidences, 5. Constitutional Law, 3. *Analytical Chemistry*, 3, (6). *French Literature*, 2. *Italian Renaissance*, 3. *Astronomy*, 2. *Rhetoric*, 2.

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, L. H. D., DEAN,
Professor of Esthetics and the History of the Fine Arts.

GEORGE A. PARKER,
Professor of the Piano and Organ.

PERCY GOETSCHIUS,
Professor of the History and Theory of Music.

ELLA I. FRENCH, MUS. B.,
Instructor upon the Piano.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting and Modeling.

FREDERICK C. LYFORD, B. P.,
Instructor in Perspective Drawing and Artistic Anatomy.

LUELLA M. STEWART,
Instructor in Water-Color Painting and Freehand Drawing.

ARTHUR B. CLARK, B. AR.,
Instructor in Architecture.

ELMER J. READ, B. P.,
Instructor in Etching and Freehand Drawing.

RUTH E. GUIBAULT, B. MUS.,
Instructor upon the Piano.

CONRAD L. BECKER,
Instructor upon the Violin and Piano,

MARIE LOUISE EVERETT,
Instructor in Vocal Music.

WILLIAM H. BARBER,
Instructor upon the Piano.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23d, 1873, and was inaugurated September 18th, following. It is intended that its scope shall ultimately include instruction in all the Fine Arts, viz.:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

Courses of instruction in Architecture, Painting, and Music have been organized. Other courses will be added as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra including Quadratic Equations, Plane Geometry, and Free Hand Drawing sufficient to represent the progress usually made by students in one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Free Hand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, *i. e.*, those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See Calendar.)

An annual Exhibition of the works of Art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music.* Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

A graduate in either of the above courses who shall have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in his particular branch of Art; examination in an approved course of reading in Esthetics and in the history of his department of Art; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

FELLOWSHIP.

Rev. Hiram Gee has established a fellowship in Painting, yielding an annual revenue of $500, to be available in 1894. Students in painting, who enter this year, may compete for this fellowship, which will be awarded on the basis of merit to persons spending the year following their graduation in the study and work of painting in some art centre.

COURSES OF STUDY.

The following schedules exhibit the Courses of study in Architecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

Course in Architecture.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Linear Perspective, 10. Free Hand Drawing, 10. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 5. Water Color Painting, 10. Trigonometry, 4. German, 3. Medieval History, 2.	Architectural Drafting, 10. Free Hand Drawing, 10. French, 4. Esthetics, 1. Physics, 3.	Architectural Drafting, 10. Drawing from Casts, 6. Art Lectures, 3. Modeling, 4. Strength and Use of Materials, 5.
Second Term.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 8. Water Color Painting, 10. Analytical Geometry, 4. German, 3. Modern History, 3.	Architectural Drafting, 10. Descriptive Geometry, 4. Etching. 1. Art Anatomy, 5. Art History, 1. French, 3. Physics, 3.	Architectural Drafting, 10. Drawing from Life, 4. Art Lectures, 3. Heating and Ventilation, 2, Masonry Construction, 5.
Third Term.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Geometry, 4. Ancient History, 2.	Architectural Drafting. 5. Modeling, 10. Calculus, 4. German, 5. Modern History, 2.	Architectural Drafting. 10. Drawing from Nature, 6. Art History, 1. French, 2. Trusses and Roofs, 3. Plant Drawing, 4.	Art Lectures, 3. Sanitation, 3. Contracts and Specifications, 2. Graduating Piece.

Course in Painting.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Linear Perspective, 10. Drawing from the Flat, 10. Italian, 2. English Criticism. 1. Elocution, 1.	Water Color Painting, 10. Drawing from Casts, 4. Drawing from Nature, 6. Medieval History, 2. German, 3.	Oil Painting, 10. Drawing from Casts, 12. Esthetics, 1. French, 4.	Oil Painting, Landscape, 10. Drawing from Nature, 10. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. German Language, 3. Two Essays on Art.
Second Term.	Linear Perspective, } 10. Shades and Shadows, } Drawing from Solids, 10. Italian, 2. English Criticism. 1. Elocution, 1.	Water Color Painting, 10. Artistic Anatomy, 10. Modern History, 3. German, 3.	Oil Painting, 10. Drawing from Casts, 4. Etching, 6. History of Fine Arts in Outline, 1. English Literature, 3. French, 3.	Oil Painting, Figure, 10. Drawing from Life, 10. Decorative Art, 6. History and Styles of Engraving, 1. History of Sculpture, 1. Two Essays on Art.
Third Term.	Linear Perspective, } 10. Shades and Shadows, } Drawing from Casts, 4. Drawing from Nature, 6. Botanical Drawing, 6. Ancient History, 2.	Water Color Painting, 10. Modeling, 10. Modern History, 2. German, 5.	Oil Painting, 10. Drawing from Life, 10. Modeling, 4. History of Fine Arts in Outline, 1. French, 2.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Musical Theory, Melodies, 2. History of Music, 1. Recital, 1. Medieval History, 2. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Musical Theory, Inharmonics, 2. Recital, 1. French, 4.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, Quartet Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Polyphonic forms, 2. Recital, 1. German, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Musical Theory, Modulation, 2. Recital, 1. Modern History, 3. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Musical Theory, Figuration, 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Ensemble Playing, 1. Organ, 1. Musical Theory, Higher forms, 2. Recital, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Musical Theory, Modulation, 2. Recital, 1. German, 5.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Musical Theory, Homophonic forms, 2. Recital, 1. French, 2. English Criticism. 1. Elocution. 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Ensemble Playing, 1. Organ, 1. Musical Theory, Higher forms, 1. Recital, 1. History of the Fine Arts, 1. Encyclopedia of Musical Lit., 1. Graduating Thesis.

Departments of Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, history, and practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to students who desire to pursue studies related to the Fine Arts other than those included in the course of this college.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop talent in such a way that each student shall retain his individuality of character and manner, and not to shape all by any arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for securiug freedom and precision in executing designs. It is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series used in the art schools of England, France and Germany. These include a great variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure,

artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original design is introduced in such variety, sequence and extent as is adapted to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawing.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such order as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its relations to Architecture, and Landscape Gardening.

Oil Painting.

As by far the larger portion of modern painters devote themselves chiefly to painting in oil, much more time is appropriated to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are free to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, or to divide their time among several branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making Molds and casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To some extent this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught to print etchings, by an excellent press.

Esthetics.

Instruction is given by lectures in the general principles of the science of Esthetics, which is the foundation of all the Fine Arts. The principles of Art Criticisim that apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts, in which are traced the leading features of the Fine Arts, as a whole, and the relation they have held to other elements of civilization. Courses of lectures are also given upon the history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their relation to ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of Christian Doctrine in the Fine Arts; and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student is required to present two essays of not less than six hundred words each, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, sculpture, painting, and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. The Leavenworth-Wolffe collection of engravings, containing 12,000 sheets, is a valuable contribution to the Art treasures of the University.

Graduating Pieces.

Every candidate for graduation in the Course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Painting is in like manner required of every graduate in the Course in Painting.

Department of Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

The piano is adopted as the basis of study, and will be required of every regular student, at least during the freshman year.

Students desiring to make a specialty of the violin, or other solo instruments, except the organ, may discontinue the piano after the freshman year.

Students making a specialty of the organ or the voice may discontinue the piano after the sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of Music, and which also have a relation to general liberal culture. These are physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The study of musical theory is required of all regular students during the entire course.

The Piano.

Lessons on the piano are given in small classes with such other helps as are deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, or Köhler's Practical Piano School is used. Also studies by Loeschhorn, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Lebert & Stark, Books I and II; Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn; Duvernoy op. 120; Burgmüller op. 100. Köhler's Progressive Studies, and easy pieces by Gurlitt, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE.—To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Lebert & Stark, Books II and III; Heller op. 47; Czerny, School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies: Krause's Trill Studies op. 2; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore Year. Lebert & Stark, Book III; Heller op. 45 and 46; Czerny op. 740, Books I and II; Bach 2 and 3 voiced Inventions; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without words; Chopin's Mazurkas and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramer's Studies (Von Bülow); Heller's Art of Phrasing; Clementi, Gradus ad Parnassum; Bach, Preludes and Fugues; Moscheles op. 70; Czerny, Fingerfertigkeit, books III and IV; Kullak and Loeschhorn, Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein, Saint Saens and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II. of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Fred. David, op. 45 or 1st part of Gradus ad Parnassum, by Jacques Dont; and by easy Solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practical. Selections from the following are made according to the ability of the student; Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc.; Later, Part III. of Henning's Violin School; Scales in three Octaves, by Hüllweck, Part I. of his 25 Studies for the Violin; Schradiecks Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, De Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for and supplementing the study of the Organ, the student will devote the Freshman and Sophomore years to the study of the Piano.

Ritter's Art of Organ Playing will be used, together with Schneider's Pedal Studies, the Fugues of Bach, Sonatas of Mendelssohn, Merkel, Rheinberger, Guilmant, and other standard compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The one in the University Chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

Cultivation of the Voice.

In this department great care has been exercised in selecting a method of voice training which promises the best possible results. The methods in use, both in this country and Europe, have been investigated and that one adopted, which has produced many of the greatest artists of this generation, and which is held in the greatest favor by competent authorities.

The complete works of Madame Marchesi form the basis of instruction. In addition to English ballads and church music, the student is trained in Italian, German, and French songs and selections from oratorios and operas.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which each student may be called upon to

perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of music, embracing Harmony, Counter point, and the smaller and larger Musical Forms, is taught in classes. Goetschius' "Materials of Musical Compositions" is used. The course of study is theoretical, practical, and analytical. Abundant illustrations and explanations upon the piano and at the blackboard are given.

History of Music.

Lectures are given upon the history of music during the sophomore year, supplemented by frequent lectures upon musical topics, of which the students will be required to make digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument, as are qualified to take part in it.

Professional Concerts.

Piano forte and organ recitals and other professional concerts are frequently given by members of the Faculty, and other artists, to which all the students have free admission.

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

NELSON NIVISON M. D.,
Emeritus Professor of Physiology and Hygiene.

HENRY D. DIDAMA, M. D., LL. D., DEAN.
Professor of Science and Art of Medicine and Clinical Medicine.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D.,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WM. H. DUNLAP, M. D., REGISTRAR,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., TREASURER.
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D., LIBRARIAN.
Professor of Ophthalmology and Otology.

NATHAN R. JACOBSON, M. D.,
Professor of Laryngology and Clinical Surgery.

MARTIN A. KNAPP, A. M.,
Lecturer on Forensic Medicine.

ARTHUR B. BREESE, M. D.,
Lecturer on Histology.

LUCIEN M. UNDERWOOD, PH D.,
Lecturer on Physiology.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

REUBEN C. HANCHETT, M. D.,
Lecturer on Materia Medica.

FRED W. SEARS, M. D.,
Lecturer on Histology.

AARON B. MILLER. M. D.,
Instructor in Gynæcology.

SCOTT OWEN, M. D.,
Instructor in Anatomy.

HENRY H. PEASE, M. D.,
Demonstrator of Anatomy.

FRANK B. BROOKS, M. D.,
Instructor in Physiology.

WILLIAM A. CURTIN, M. D.,
Instructor in Physiology.

GEORGE M. PRICE, M. D.,
Assistant Demonstrator of Anatomy.

BUILDINGS, LIBRARIES, ETC.

The Medical College occupies three brick buildings, eligibly located on Orange street, near the centre of the city, and convenient to the Hospitals and Dispensary. Two of these contain the various lecture rooms, the histological and pathological laboratories, library, museums, etc. The amphitheater is well lighted and heated, and furnished with all necessary appliances for properly presenting the various subjects of lectures and demonstrations. All the lecture and recitation rooms have additional apartments connected with them, in which special dissections are made and the various preparations arranged for use in the classes.

In the rear of these two buildings is a third, containing the chemical laboratory and dissecting room, both of which are well lighted and ventilated, and so arranged as to afford every advantage to the student for practical work in these departments.

LIBRARIES.

The Library of the Geneva College of Medicine with the additions which have since been made to it, is at the service of students. This with the Von Ranke library, the general library of the University, and the public library of Syracuse, afford ample scope for reading and reference in the allied sciences.

COURSE OF INSTRUCTION.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting rooms, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology and Botany.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Materia Medica, Surgery and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Opthalmology and Clinics.

All First Year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both Terms. Students of the Second Year take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy.

TREATMENT OF SUBJECTS.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are the bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample convenience of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been able to secure an abundance of anatomical material.

PHYSIOLOGY.—This branch is taught by recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demonstrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses, and reproduction. Little time is given to theories, but physiological facts are carefully studied, and actual functions demonstrated when possible.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by per-

sonal experiment. Medical chemistry and toxicology are taken up in the second year, and the subject of urinary analysis and detection of poisons thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures are given, and in accordance with the practice in every other department, an entire hour is devoted to a careful oral or written examination.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city, where senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering here open a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the State. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in surgical operations.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing

tissues for microscopical study, and how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, where, with the additions that are from time to time being made, it serves as an important means of instruction.

OPTHALMOLOGY AND OTOLOGY.—The course of instruction in Opthamology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class are required to examine and diagnose the cases.

Special attention is directed to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class in diseases of the skin combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great centers of the country. St. Joseph's Hospital containing one hundred and three beds, and the House of the Good Shepherd with forty-five beds, constantly furnish abundant material for the medical and surgical clinics. At those hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity given to all members of the class to examine and study them personally.

The new maternity Hospital and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are improved.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

Text Books.	Collateral Reading.
Anatomy—Quain	Gray, Weisse, Holden.
Physiology { Foster, 1st year / Landois & Sterling, 1st ed., 2d year	Kirke, Flint.
Chemistry—Attfield, Tyson	Richter, Towne.
Science and Art of Medicine—Flint	Roberts, Bartholow, Loomis, Strumpel Niemeyer.
Surgery—Bryant	International Encyclopedia of Surgery.
Materia Med. and Ther.—Wood, H. C.	Bartholow, Brunton.
Obstetrics—Lusk	Playfair, Galabin.
Gynæcology—Thomas	Emmet Munde.
Diseases of Children—Smith, J. Lewis	Meigs & Pepper, Goodhart, Money.
Histology—Klein	Klein & Smith, Atlas of Histology.
Pathology—Green	Ziegler, Cornil & Ranvier, Wagner.
Hygiene—Wilson	Parkes, Buck.
Opthalmology—Nettleship	Wells & Meyer.
Otology—Roosa	Politzer.
Dermatology—Duhring	Fox, Bulkley, Kaposi.

THE COLLEGE YEAR

begins on the first Tuesday in October, and ends on the second Thursday in June. It is divided into two terms, about equal in length.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

All Students who enter for the regular course are required to exhibit evidence of possessing a fair preliminary education. Graduates of recognized colleges, scientific schools, academies, or like institutions, or those who are able to present certificates from such institutions certifying to their proficiency in the preliminary studies, are not required to pass the entrance examinations.

All others will be required to pass an examination in

(1.) *Arithmetic*—entire—including the metric system; but not the technical parts of commercial arithmetic.

(2.) *Algebra, through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(3.) *Geometry:* First Book of Wentworth's Elements of Geometry, or its equivalent.

(4.) *English Grammar.*

(5.) *Physics*, J. D. Steele's work, or its equivalent.

(6.) *Composition:* Every applicant will be required to write a letter of not less than three hundred words. The subject will be announced at the examination; the orthography, construction and penmanship will be factors for consideration.

(7.) *Latin:* The translation of a passage selected from one of the first four books of *Cæsar's Commentaries*, and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

Regent's certificates are accepted for the studies which they cover. Candidates who pass all the seven requirements for entrance are admitted unconditionally. Those who pass in four out of the seven subjects are admitted conditionally. Candidates who are conditioned are allowed to enter the classes with the other students, but are unclassified until they have passed in the studies in which they were conditioned.

Candidates rejected or conditioned can be re-examined at any of the June annual examinations by giving due notice to the Registrar of the intention to do so, or, without notice, at the yearly entrance examinations in October.

The entrance examinations are held at the College the first Tuesday of October, at 3 o'clock, P. M.

EXAMINATIONS.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. Examinations are held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the

average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the Faculty, may be held at any time to determine the standing of students who enter after the beginning of either term, but private examinations for promotions to higher grades, are not permitted.

The above examinations are in writing and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a board of Censors appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will be examined on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, presenting thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must

have been spent here; and he must pass the regular examination of the first, second and third years.

Official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

PRIZES.

Two prizes are conferred annually by the College; the first is given to that student who has the highest average general grade for the entire three years of study; the second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, W. H. Dunlap, M. D., Syracuse, N. Y.

Degrees Conferred by the University

IN 1890.

Doctor of Laws.

Hon. St. Clair McKelway, - - - - - - Brooklyn.

Doctor of Divinity.

Rev. Nicholas H. Holmes, - - - - Pittsburgh, Pa.
Rev. George M. Coville, - - - - - Binghamton.
Rt. Rev. John Sugden, Bp. of Selsey, - - - - England

Doctor of Philosophy.

[On Examination.]

Sara M. Maxson Cobb, M. Ph., Kent's Hill, Me., Ethics and Art History.
Rev. F. J. Holsworth, A. M., Syracuse, German Language and Literature.
Prof. Charles A. Pitkin, A. M., Braintree, Mass., - Chemistry.
Rev. John R. Shannon, A. M., Boston, Mass., Christian Evidences.
Rev. Thomas Snyder, A. M., - German Language and Literature.
Prof. James E. Stevens, M. S., Havana, - - Chemistry.

Master of Arts.

Mary L. Collins, *in cursu.*
Frank W. Hemenway, "
Chas. X. Hutchinson, "
Josiah H. Lynch, "
Hiram R. Shoemaker, "
Wilhelmine Hagerman, *in cursu.*
Dewitt S. Hooker, "
George W. Kennedy, "
Emmons H. Sanford, "
William A. Wilson, "

[On Examination.]

Solomon Cleaver, A. B., Dundes, Ont., - Christian Evidences.
Charles A. Pitkin, A. B., Braintree, Mass., - - Chemistry.
John R. Shannon, A. B., Boston, Mass., - Christian Evidences.
Isaac L. Wood, A. B., Zion, Md., - - - History.

Master of Philosophy.

Eliza Leyden, *in cursu.* Phil. Turtelot, *in cursu.*

Master of Science.

George G. Brower, *in cursu.*

[On Examination.]

Morgan R. Sanford, B. S., - - - - - Botany.

Bachelor of Arts.

Lucy Sophia Bainbridge, Charles Howland Bassett,
Theodore Orville Beebe, Byron Briggs Brackett,
Cora Ann Brackett, James Simpson Clark,
Earlman Fenner, Seymour C. Ferris,
William A. Jenner, Frank Joseph Marion,
Minnie Adell Mason, J. Wilbur Somerville,
Oscar Rogers Whitford.

Bachelor of Philosophy.

Mary Eliza Christy, Orator Fuller Cook, Jr.,
Henry Danziger, Jr., Adaline Elizabeth Green,
Mary L. Judd, Israel Harris Levy,
Anna Grace Skinner, George Keiser Statham,
William Harman van Allen.

Bachelor of Science.

Lena Carol Hammond, Frank Mead Rooney.

Bachelor of Painting.

Anna Louisa Brown, Lucian Adelbert Davidson,
Alice Scott Dunn, Mark Augustus Haley,
Anna Elizabeth Leonard, Mary Amelia Smith,
Florence Anna Wright.

Bachelor of Music.

Ella Louisa Bryant,
Carrie May Dixson,
Grace Evangeline Townsend,
Nettie May Campbell,
Edith Walton Hamlin,
Albert Gregory Verdenberg.

Doctor of Medicine.

Samuel B. Crayton,
William H. May,
John C. Shoudy,
Gervas M. Wesse,
M. S. Lord,
Charles E. McLean,
William A. Strohmanger,
Francis A. Welch,
Walter J. Werfelmann.

Students.

POST-GRADUATES.

(CANDIDATES FOR PH. D.)

Prof. Isaac M. Agard, A. M.,	Rockville. Conn.
Gertrude Allen, A. M.,	Albion, Mich.
Rev. George W. Andrews, A. B.,	Dalton, Mass.
Rev. Amos A. Arthur, A. B.,	Bryn Mawr, Pa.
Rev. Wilbur F. Atchinson, A. B.,	Desplaines, Ill.
Rev. George A. Barrett, A. M.,	Plattsburgh, N. Y.
Rev. Francis E. Beck, A. B.,	DuBois, Pa.
Prof. Anna L. Benham, B. Ph.,	Mansfield, Pa.
Rev. John H. Bickford, A. B.,	Rushville, Ind.
Prof. John D. Bigelow, A. M.,	Moravia, N. Y.
Charles E. Boynton, B. S., M. D.,	Onondaga, N. Y.
Prof. Mary C. Bradford, B. Ph.,	Rutland, Vt.
Prof. Charles C. Brill, A. M.,	Northfield, Vt.
Prof. William A. Broadhurst, B. Ph.,	Mansfield, Pa.
William H. Brokenshire, A. B.,	London, Eng.
Rev. Robert Burns, B. Ph.,	Washington, Ont.
William P. Cantwell, A. B.,	Malone, N. Y.
Rev. Gustav A. Carstensen, A. M.,	Erie, Pa.
Prof. Henry E. Chapin, B. S.,	Bloomsburgh, Pa.
Rev. Solomon Cleaver, A. B.,	Dundas, Ont.
Rev. Joseph G. Cleveland, A. B.,	Sendai Myagi Ken, Japan.
Rev. Frank H. Coffran, A. B.,	Worcester, N. Y.
Rev. Thomas R. Crooks, A. B.,	Philadelphia, Pa.
Rev. William J. Crothers, A. B.,	Carlton Place, Ont.
Rev. Saul O. Curtice, A. B.,	Port Chester, N. Y.

Prof. Abial B. Davis, B. Ph., - - Salamanca, N. Y.
Prof. Nicholas H. Davis, B. D, - - Ness City, Kan.
William A. Deaton, A. B., - - New Carlisle, O.
Prof. Stephen T. Dial, A. B., - - Milford, O.
Rev. Clarence L. Diven, A. M., B. D., - Piantsville, Conn.
Rev. Joseph O. Dobson, Ph. M., - - Deadwood, Dak.
Prof. Charles R. Dryer, A. M., - - Fort Wayne, Ind.
Rev. John W. Duffy, A. M., - Orange Valley, N. J.
Prof. John G. Dunlop, A. B., - - Hamamatsu, Japan.
Prof. Wilbert P. Ferguson, A. B., B. D., Mount Pleasant, Iowa.
Anna A. Fisher, A. B., - - Kingston, Pa.
Rev. Oscar L. Fisher, A. M., - - Denver, Col.
Prof. Edward W. Flagg, A. M., - - Potsdam, N. Y.
Rev. John L. Franklin, A. B., B. D., - Buffalo, N. Y.
Prof. Charles W. French, A. M., - Western Springs, Ill.
Rev. Mathew W. Gilbert, A. B., - - Nashville, Tenn.
Rev. Amos E. Griffith, M. Ph., B. D., - Colfax, Iowa.
Rev. George Goul, A. M., - - - Pine Grove, Pa.
Prof. William R. Granger, A. B.,- - Philadelphia, Pa.
Rev. Almon W. Greenman, B. Ph., - Montevideo, S. America.
Rev. Edmund J. Gwynn, A. M., - - Belmont, N. Y.
Prof. Frederic A. Hall, A. M., - - Springfield, Mo.
Prof. William E. Hamilton, A. M., - Indianola, Iowa.
Rev. Henry H. Harris, A. M., - - Hinsdale, N. Y.
Rev. Johnson Henderson, A. B., - Pictou, N. S.
Rev. Joseph D. Herron, A. B., - - New Castle, Pa.
Prof. Jane S. Higham, A. M., - - Rome, N. Y.
Prof. Herbert M. Hill, A. M., - - Buffalo, N. Y.
Rev. Marion W. Hissey, B. S., - - Pomeroy, N. Y.
Rev. Julius C. Hitchcock, A. M., - - Warners, N. Y.
Prof. W. Newton Holmes, A. B., - Staunton, Va.
Rev. Marquis D. Hornbeck, A. M., S. T. B., Quincy, Ill.
Prof. Lewis E. Horning, A. B., - - Coburg, Ont.
Rev. Frank S. Houser, M. S., - - Painted Post, N. Y.
Rev. Bruce Hughes, A. B., - - - Glen Hope, Pa.
Prin. Ray G. Huling, A. M., - - New Bedford, Mass.
Rev. Henry T. Johnson, A. B., - Hot Springs, Ark.
Rev. William M. Jones, A. B., B. D., - Minneapolis, Minn.
Charles S. Kathan, A. B., - - Grafton, Neb.

Rev. Matthias S. Kaufman, A. B., - New Bedford, Mass.
Rev. John D. Kennedy, A. B., - - Philmont, N. Y.
Rev. David Keppel, B. Ph., - - Mansfield, Pa.
Rev. Benjamin F. Kidder, A. B., - - Litchfield, Conn.
Prof. Carl R. Krone, B. Ph., - - - Lincoln, Ill.
Rev. Joseph T. Ladd, A. M., - - Wheaton, Ill.
Rev. Egbert C. Lawrence, A. M., - Vernon, N. Y.
J. Frank Lemon, A. B., - Cambridge, Mass.
Prof. William W. Leslie, A. B., - - Mogadore, O.
Rev. Benjamin F. Liepsner, A. B., - - Philadelphia, Pa.
Rev. Albert C. Loucks, A. M., - - Potsdam, N. Y.
Rev. David T. MacClymont, A. M., - Williamsport, Pa.
Edgar S. Maclay, A. M., - - Brooklyn, N. Y.
Rev. William D. Marsh, A. M., - - Malone, N. Y.
Rev. Clinton D. McDonald, A. M., B. D., Thorold, Ont.
Granville H. Meixell, A. B., - Collegeville, Pa.
Rev. Clement W. Miner, A. M., - Cattaraugus, N. Y.
Rev. Trusten P. Newberry, B. S., - - Ambler, Pa.
Rev. James C. Nicholson, A. B., - - Baltimore, Md.
Rev. William E. Nies, A. B., B. D., - Brooklyn, N. Y.
Rev. Carleton H. Norris, B. Ph., - Friendship, N. Y.
Prof. Asahel W. Norton, A. M., - - Elmira, N. Y.
Prof. Edwin F. Norton, A. M., - - Olivet, Mich.
Rev. William B. Norton, A. M., - - Earlville, Ill.
Mary J. O'Bryon Sibley, B. Ph, - Elmira, N. Y.
Rev. Delevan D. Odell, A. M., - - - Aurora, Ill.
Prof Henry Pease, A. B., - - - Holly, N. Y.
Rev. Chester A. Place, A. B., - - Scott City, Kan.
Rev. Mason W. Pressly, A. B., - - Chester, S. C.
Cyrus A. Price, A. M., M. D, - Chicago, Ill.
Rev. Henry S. Rowe, A. B., - - Galway, N. Y.
Rev. William O. Shepard, A. M., - - Elgin, Ill.
Rev. Hiram R. Shoemaker, A. B., - - Navarino, N. Y.
Rev. John Sieber, A. B., - - - Hedgesville, W. Va.
Rev. Alfred O. Smith, A. M., - Rotherham, England.
Rev. J. Albert Smith, A. M., - - Bergen, N. Y.
Prof. James P. Stephenson, A. M, - - Des Moines, Ia.
Prof. Edward L. Stevens, A. B., - - Malone, N. Y.
Rev. George E. Stockwell, A. M., - - Salem, N. Y.

Rev. Henry E. Swetzel, A. B.,	Scranton, Pa.
Prof. Ernest M. Taylor, A. M.,	Montreal, Ont.
Prof. Zachary P. Taylor, A. M.,	Rochester, N. Y.
Rev. John Teas, A. M.,	Philadelphia, Pa.
Frank H. Thatcher, M. Ph.,	Aurora, Ill.
Flavel S. Thomas, A. M., M. D.,	Hanson, Mass.
Rev. John C. Thoms, A. M., M. D.,	Elyria, O.
Rev. Charles W. Thornton, A. B.,	Mendota, Ill.
Prof. William C. Tifft, A. B.,	Memphis, N. Y.
Prof. Hiram A. Vance, A. B.,	Nashville, Tenn.
Prof. Robert B. Warder, A. M.,	Lafayette, Ind.
Norval Wardrop, M. Ap. Sc.,	Detroit, Mich.
Rev. Horace E. Warner, A. B, B. D.,	Cedar Falls, Iowa.
Rev. Sylvanus B. Warner, A. B.,	St. Paul, Minn.
Rev. Charles E. Wehler, A. B.,	Blue Bell, Pa.
Rev. Elliott S. White, A. B.,	Beallsville, Pa.
Prof. George T. Wiggin, B. S.,	Fayetteville, N. Y.
Rev. Myron C. Wilcox, B. Ph., B. D.,	Foochow, China.
Rev. A. C. Willey, A. M., B. D.,	Newton, N. J.
Rev. David Winters, B. S.,	Williamsport, Pa.
Rev. Eugene Wiseman, A. B.,	Rock City Falls, N. Y.
Rev. Isaac L. Wood, A. M.,	Zion, Md.

RESIDENT POST-GRADUATE.

Oscar Rogers Whitford, A. B., (Mineralogy) Syracuse, N. Y.

SENIOR CLASS.

		City Address.
John Veranus Brownell,	c.	*Wilkesbarre, Pa.*, 1005 E. Gen.
Harriet May Budd,	c.	*Syracuse*, 706 University ave
Menzo Burlingame,	l. s.	*East Springfield*, 705 Univ. av
Ella Lucinda Chapman,	s.	*Fayetteville*, *A. Φ.* Chap. H.
Charles Carhart Cook,	s.	*Syracuse*, 708 Lodi
Ida May Cooley,	l. s.	*Syracuse*, 107 Mc Lennan ave
Ellen Adersa Corse,	c.	*Earlville*, 1717 W. Genesee

NOTE—The letter c., indicates the Classical Course; l. s., the Latin-Scientific; s., the Scientific; and c. e., the Civil Engineering Course.

			City Address.
John C. Culligan,	c.	*Ithaca*,	600 Crouse ave
Edward Devine,	s.	*Navarino*,	419 Montgomery
Paul Fitz Gerald,	c.	*Minneapolis, Minn.*,	611 Cr. av
John Adrian Gardner,	s.	*Andrews Settlement, Pa.*,	Lib. B
Frank William Goreth,	c.	*Baldwinsville*,	604 Crouse ave
John Augustus Hamilton,	c.	*Moriah*,	723 Crouse ave
Frank Stannard Husted,	s.	*LeRoy*,	705 University ave
Van Evrie Kilpatrick,	c.	*Minneapolis, Minn.*,	323 Cr. ave
Mary Sophia Loomis,	l. s.	*West Troy*,	614 University ave
Frank Lincoln Mead,	c.	*Kirkville*,	321 Monroe
David Casler Monro,	c.	*Cazenovia*,	319 University ave
Francis Elliot Oliver,	l. s.	*Syracuse*,	702 University ave
William Edward Palmer,	c.	*Matamoras, Pa*,	803 Univ. av
Ada Belle Parker,	l. s.	*Port Gibson*,	209 Univ. Place
Joseph Reynolds,	l. s.	*Watertown*,	347 Warren
Bertha Sabin Sawyer,	c.	*Syracuse*,	700 University ave
George Fletcher Shepherd,	c.	*Oswego*,	806 University ave
Lillie Scoresby Smith,	c.	*Ellenville*,	618 Crouse ave
Horace E. Stout,	s.	*Roselle, N. J.*,	611 Cr. ave
Masayoshi Takaki,	s.	*Yokohama, Japan*,	Δ. Υ. C. H.
Fannie Louise Thomas,	l. s.	*Mexico*,	A. Φ. Chap. House
Charles Wesley Tooke,	c.	*Sandy Creek*,	723 Crouse ave
Frank David Torrey,	c.	*Vernon*,	Δ. Υ. Chap. H.
Olin Sylvanus Twist,	c.	*Passaic, N. J.*,	604 Crouse ave
Charles Henry Wheeler,	l. s.	*Branchport*,	736 Crouse ave
Frank Hoyt Wood,	c.	*Westbury*,	608 Crouse ave
Joseph William Young,	l. s.	*Philadelphia, Pa.*,	612 Univ. av

JUNIOR CLASS.

Kate Leora Abbott,	c.	*Syracuse*,	1316 Madison
William Henry Adams,	c.	*De Witt*,	612 Crouse ave
Edward S. Allis,	c.	*Syracuse*,	802 Court
Georgianna Atwood,	l. s.	*Herrickville, Pa.*,	618 Crouse av
Willard Henry Ball,	s.	*Syracuse*,	1415 Spring
Howard J. Banker,	c.	*Schaghticoke*,	Δ. Υ. Chap. H.
Thomas Stone Bell,	c.	*Jordan*,	417 Irving
Jacob Hagar Carfrey,	l. s.	*Milford, N. J.*,	736 Crouse av

			City Address.
Leon Alanson Carley,	c.	*Homer*,	1005 E. Genesee
Howard Damon Chapman,	l. s.	*Lakeport*,	821 E. Genesee
Edmond Le Roy Dow,	s.	*Baldwinsville*,	600 Crouse ave
Albert W. Emerson,	s.	*Bath*,	125 Leon
William Morrison Fanton,	c.	*Danbury, Conn.*,	417 Irving
William Victor Flaherty,	c.	*Chittenango*,	406 Niagara
Charles Willis Fyfe,	c.	*Franklin*,	1005 E. Genesee
Marcus Louis Glazer,	s.	*Fair Mount, N. J*,	600 Crouse
Otto Goebel,	c.	*New York*,	612 Crouse ave
Genevra Gwynn,	c.	*Throopsville, A. Φ.*	Chapter H.
Albert Eugene Hall,	s.	*Johnsburgh*,	202 Ren'k ave
Ella Mahala Hall,	s.	*Johnsburgh*,	202 Renwick ave
William Hartel,	c.	*Buffalo*,	107 McClellan
Ernest Frederick Herman,	c.	*Fairville*,	1106 Adams
Grace Seely Hiller,	c.	*Syracuse*,	1106 E. Fayette
Edward Lee Hollett,	c.	*Clifton Springs*,	608 Crouse ave
Chester James Hoyt,	c.	*Highland*,	1015 Adams
Olin Clay Kellogg,	c.	*Homer*,	111 Marshall
Annie May Knapp,	l. s.	*Binghamton*,	112 McClellan
Arthur Gordner Leacock,	c.	*Norwich*,	604 Irving
William Dodge Lewis,	c.	*Canton*,	705 University ave
Raymond Wright Lowry,	c.	*Green Grove, Pa.*,	501 Irving
Jessica Beatrice Marshall,	l. s.	*Waterloo*,	209 University Place
Ina Delia Mercer,	l. s.	*Syracuse*,	324 Montgomery
Herbert Sumner Miller,	c.	*Avon*,	731 Irving
Louise Nicholson,	c.	*Jordan*,	417 Irving
Eleanor Louise Orr,	c.	*Syracuse*,	740 Harrison
Eliza Hamilton Pettit,	l. s.	*Wabash, Ind., A. Φ.*	Chap. H.
Frank LeRoy Purdy,	c.	*Tonawanda*,	609 Crouse ave
Mary Ella Reed,	l. s.	*Seneca Castle*,	207 Univ. Place
Lewis Sauerbrei,	c.	*Dormansville*,	910 Harrison
Philip Frank Schneider,	l. s.	*Syracuse*,	319 Jackson
Earl Dorman Shepard,	c.	*Le Roy*,	1009 Harrison
Avery Warner Skinner,	c.	*Mexico, Δ. Γ.*	Chapter House
Charles Allen Smith,		*Nelson*,	612 Irving
Walter Whitman Storms,	l. s.	*Sunbury, O.*,	
Frederick Carl Straub,	l. s.	*Syracuse*,	710 East Fayette
George Edwin Stright,	s.	*Niles Valley, Pa.*,	910 Harrison

			City Address.
Mary S. Trowbridge,	s.	*Camillus*,	107 Marshall
Everett Prentiss Turner,	c.	*Oxford*,	1104 E. Fayette
Luther Ogden Wadleigh,	l. s.	*Potsdam*,	1005 E. Genesee
Frederick Hiram Watkins,	c.	*Pompey*,	1005 E. Genesee
Abbot Yates Wilcox,	c.	*Clifford*, *Δ. Υ.* Chapter House	
Charles Frederick Wiley,	l. s.	*Syracuse*,	706 Harrison
Helen Mabel Wood,	c.	*Savannah*,	112 Mc Clellan
Olin W. Wood,	l. s.	*N. Urbana*,	417 Irving
Joseph Arthur Wright,	c.	*Cohoes*,	202 Renwick ave
Mary Eugenia Wright,	s.	*Cohoes*,	202 Renwick ave

SOPHOMORE CLASS.

James Lynn Barnard,	s.	*Cooperstown*,	705 Univ. ave
Martha Ann Beecher,	l. s.	*Livonia*,	209 University Place
Cora May Bowman,	l. s.	*Towanda, Pa.*,	209 Univ. Place
George Morse Bowns,	c.	*Troy*, *Δ. Υ.* Chapter House	
Robert Elias Brettle,	c.	*Dansville*,	112 Gazelle
James Lewis Brewer,	c.	*Syracuse*,	529 Seymour
May Estelle Brown,	l. s.	*Clifford*,	613 Crouse ave
George Griffin Brownell,	c.	*Syracuse*,	905 University ave
Nettie Alida Chapman,	s.	*Scipio*,	108 Mc Clellan
Charles Arthur Church,	c. e.	*Syracuse*,	703 Crouse ave
Dorr Raymond Cobb,	l. s.	*Ulysses Pa.*,	717 Crouse ave
George F. Cole,	s.	*Syracuse*,	136 Linden
John Henry Cook,	l. s.	*Syracuse*,	100 Johnson
Charles Squier Coulter,	c.	*Ferrisburg, Vt.*	106 Walnut Pl.
Howard William Crydenwise,	s.	*Tunkhannock, Pa.*,	1005 E. Ge.
Clara May Eastman,	c.	*Belleville*,	108 Adams
Anna Elizabeth Foote,	l. s.	*Brooklyn*, *Α. Φ.* Chap. House	
Agnes Helen Ford,	c.	*Syracuse*,	116 State
Georgia Ure Forman,	l. s.	*Auburn*, *Α. Φ.* Chap. House	
Edmund L. French,	l. s.	*Syracuse*,	232 South ave
Edwin Hall Gaggin,	s.	*Erie, Pa.*,	319 Univ. ave
Vernor Simpson Gaggin,	s.	*Erie, Pa.*,	319 Univ. ave
William Pratt Graham,	l. s.	*Syracuse*,	126 Renwick ave
Miriam Adelia Guernsey,	l. s.	*Canton, Pa.*,	*Α. Φ.* Chap. H.
Gratia Gwynn,	l. s.	*Throopsville*,	*Α. Φ.* Chap. H.
George Hasbrouck Haigh,	c.	*Waterloo*,	112 Gazelle

			City Address.
George Daniel Hammond,	c.	*Syracuse,*	507 Croton
Harry Otto Harbach,	c.	*Springboro, O.,*	611 Irving
Martha Naomi Hayden,	l. s.	*Syracuse,*	102 E. Beech
Frederick William Heroy,	c.	*Rhinebeck,*	713 E. Fayette
John Blake Hillyer,	c.	*New York,*	1005 E. Genesee
Gordon Way Hoyt,	s.	*Monroe,*	312 James
Osmon Perley Hoyt,	s.	*Monroe,*	312 James
Arthur Ellsworth Hunt,	l. s.	*Gainesville,*	767 Harrison
William Hosmer Ives,	c.	*Auburn,*	806 Univ. ave
William Henry Jakway,	l. s.	*West Haven, Vt.,*	666 Madison
George Kingsbury,	l. s.	*Deposit,*	104 E. Fayette
Grace Klock,	c.	*Oneida,*	417 Univ. ave
Edith Adelle Loomis,	c.	*Oneida,*	417 Univ. ave
Edwin Phillips Lyman,	l. s.	*Syracuse,*	326 Hawley
Edmund K. Macomber,	s.	*Peru,*	347 Warren
Charles W. Marvin,	l. s.	*Baldwinsville,*	1015 Adams
Willis Elias McGerald,	c.	*Buffalo,*	717 Crouse ave
Grace Estelle McIntyre,	l. s.	*Batavia,*	711 Crouse ave
Charles Austin Metz,	l. s.	*Kidder, Mo.,*	702 Harrison
Gurdon Ransom Miller,	s.	*Akron,*	1005 E. Genesee
William Charles O'Donnell,	c.	*Brooklyn,*	1015 Adams
Everett Partridge,	l. s.	*Edinburgh,*	*Δ. T.* Chap. H.
Clarence Loomis Peaslee,	c.	*Adams,*	104 Marshall
William Henry Perry,	c.	*Buskirk Bridge,*	*Δ. T.* Chap. H.
Jennie Upfold Pettit,	s.	*Wabash, Ind.,*	*A. Φ.* Chap. H.
Henry Phillips,	c.	*Johnsburgh,*	604 Irving
Dee Wolcott Pierce,	s.	*Central Square,*	1113 E. Gen.
Jonas Merriam Rice,	l. s.	*Otisco,*	705 University ave
Lepine Hall Rice,	l. s.	*Brookline, Mass.,*	802 Univ. ave
Edward Dunbar Rich,	c. e.	*Marcellus,*	355 Delaware
Bertrand Clifton Richardson,	c.	*Syracuse,*	726 Crouse ave
Perthenia Weeks Root,	s.	*Cooperstown,*	*A. Φ.* Chap. H.
Georgia Ross,	l. s.	*Amsterdam,*	707 Crouse ave
Sherman Rouse,	c.	*Stuyvesant,*	723 Crouse ave
William Rubin,	l. s.	*Syracuse,*	829 Mulberry
Edward Everett Samuel,	l. s.	*Remson,*	*Δ. T.* Chapter House
Ida Louise Saxton,	l. s.	*Clyde,*	112 McClellan
Edmund L. Shepard,	c.	*Berkshire,*	622 Irving

			City Address.
Julia Skinner,	c.	*Binghamton*,	315 Walnut ave
Lewis Peter Smith,	c.	*Penn Yan*,	1005 E. Genesee
Austianna Eliza Taylor,	c.	*Brooklyn*,	113 McClellan
William Erastus Taylor,	l. s.	*East Elba*,	812 Madison
Ernest Merrill TenBroeck,	c.	*Watervliet Centre*, *Δ. T.* Chap. H.	
Albert George Thorne,	c.	*Buffalo*,	205 McClellan
Heman Daniel Traver,	s.	*Clyde*,	608 Crouse ave
Edith Richardson Truair,	c.	*Syracuse*,	568 Cedar
Lorenzo Dow Van Arnam,	c.	*Gloversville*, *Δ. T.* Chapter H.	
Edgar Trotter Van Deusen,	c.	*Sprout Brook*,	705 Univ. ave
William Henry Wakeham,	c.	*New York*, *Δ. T.* Chapter H.	
Frederick Ensign Walton,	g. s.	*Cortland*,	611 Irving
Margaret Eliza Waters,	l. s.	*Terre Haute, Ind.*, *A. Φ.* C. H.	
Grace Helen Webb,	l. s.	*Syracuse*,	902 James
Charles Heald Weller,	c.	*Dundee*,	112 Gazelle
Jessie Æolia Whyborn,	l. s.	*Syracuse*,	704 Harrison
Minnie Belle Woodworth,	l. s.	*Chittenango*,	107 Westcott

FRESHMAN CLASS.

Katherine Barnett Allis,	c.	*Syracuse*,	802 Court street
Jabez Eldridge Armstrong,	c.	*Johnsburgh*,	*Δ. T.* Chap. H
Mary Avery,	l. s.	*Tunkhannock, Pa.*,	417 Irving
Cora Mae Baggerly,	c.	*Clyde*,	416 Grape
Rose Adele Baird,	s.	*Olean*,	618 Crouse ave
Charles Webster Beadel,	l. s.	*Syracuse*,	1814 W. Genesee
Edward William Beadel,	s.	*Syraeuse*,	1814 W. Genesee
Mertice Vie Benedict,	l. s.	*Weedsport*,	108 McClellan
Fred Andrew Benton,	c.	*Earlville*,	134 Linden
George Hopkins Bond,	l. s.	*Syracuse*,	207 Adams
Emma Elizabeth Brown,	l. s.	*Syracuse*,	416 Burnet
Kate Louise Brown,	s.	*Whitesboro*,	105 Marshall
Susie De Ceu Brown,	l. s.	*Syracuse*,	1212 Shonnard
Sanford Brusie,	c.	*Boston Corners*,	1004 Adams
Earl Burch,	l. s.	*Dryden*,	132 Lafayette ave
Anna Irene Byrne,	l. s.	*E. Onondaga*,	E. Onondaga
Celia Inez Byrne,	l. s.	*E. Onondaga*,	E. Onondaga
Samuel Eugene Caldwell,	c.	*N. Stamford, Conn.*,	1004 Ad's

			City Address.
Edwin Hamlin Carr,	s.	*Rushville, Ind.*,	900 Univ. ave
Belle Margaret Carter,	s.	*Adams*,	417 University ave
Alice Ida Cary,	c.	*Syracuse*,	613 Milton ave
Harry Chadderdon,	l. s.	*Weedsport*,	705 Univ. ave
Herman Churchill,	c.	*East Scott*,	1117 E. Genesee
Martha Belle Churchill,	c.	*Springville*,	*A. Φ.* Chap. H.
Anna Louisa Cole,	l. s.	*Passaic, N. J.*	731 Irving
Guy N. Collins,	s.	*Farmington*,	106 Henry
Kingsley Fayette Congdon,	c.	*Penn Yan*,	1108 E. Genesee
Edith Hookway Cook,	l. s.	*Clyde*,	106 Henry
Carro Julia Cummings,	l. s.	*Buffalo*,	102 Marshall
George Albert Dagwell,	s.	*Utica*,	815 E. Washington
Gertrude Regene Danziger,	l. s.	*Syracuse*,	619 E. Genesee
Frederick Louis Darbonnier,	l. s.	*Berkshire*,	622 Irving
Helene Dixson,	l. s.	*Syracuse*,	511 Univ. ave.
Lee Anna May Dorr,	c.	*Mexico*,	107 Marshall
Maud Lulu Dorr,	c.	*Mexico*,	107 Marshall
Fred Dutcher,	s.	*Avon*,	910 Harrison
Herbert Lincoln Ellsworth,	c.	*Le Raysville, Pa.*,	417 Irving
Burton Deyoe Esmond,	l. s.	*Valley Falls*,	604 Irving
Mansfield Joseph French,	l. s.	*Syracuse*,	132 South ave
Raymond Fuller,	l. s.	*Baldwinsville*,	1015 Adams
William Joseph Gere,	l. s.	*Syracuse*,	514 Montgomery
Charles L. Gill,	l. s.	*Syracuse*,	837 S. Beech
Clarence Norton Goodwin,	c.	*Washington, D. C., Δ. Γ.* C. H.	
Charles Guilford Gorse,	c.	*Catskill*,	612 Crouse ave
Emily Jenny Goulding,	l. s.	*Syracuse*,	220 Shonnard
Frances May Gregory,	l. s.	*Buffalo*,	209 Univ. Place
Elvena Frances Guptill,	c.	*Rochester*,	900 Irving
Ada Stewart Harbottle,	c.	*Pulaski*,	1503 Grape
Anna Marion Harbottle,	c.	*Pulaski*,	1503 Grape
Kate Bennett Hathaway,	s.	*Tonawanda*,	209 Univ. Place
M. Mae Hathaway,	c.	*Charleston 4 Cors.*,	209 Univ P.
Delmer Edward Hawkins,	c.	*Champlain*,	
Earl G. Heaton,	s.	*Baldwinsville*,	1015 Adams
Schuyler Fox Herron,	c.	*Cobleskill*,	1117 E. Genesee
Mary Adelia Hill,	l. s.	*West Barre*,	1117 E. Genesee
Josiah Brainard Hine,	l. s.	*E. Onondaga*,	705 Univ. ave

			City Address.
Milicent Augusta Hinckley,	l. s.	*Syracuse,*	731 Irving
Henry Hoar,	l. s.	*Ansonia, Conn., Δ. T.* Chap. H.	
Frederick Richard Hodge,	c.	*Antwerp,*	612 Crouse ave
Le Roy Frank Hollis,	c.	*Lacona,*	731 Irving
Ada Cornelia Holmes,	c.	*Franklinville,*	904 E. Genesee
Elmer Ellsworth Hutchings,	c.	*Cardiff,*	602 Irving
May Louise Jenner,	l. s.	*Clyde,*	111 Marshall
Martha Aubrie Keefe,	s.	*Athens, Pa.,*	900 Univ. ave
Lillian A. Kemp,	s.	*Delhi,*	904 E. Genesee
Albert E. Larkin,	l. s.	*Camillus,*	736 Crouse ave
Mary Gertrude Leete,	l. s.	*Morrisville,*	721 Crouse ave
William Lesser,	l. s.	*Syracuse,*	705 Warren
Fred Ziah Lewis,	c.	*Auburn,*	1005 E. Genesee
Charles George Little,	l. s.	*Syracuse,*	901 University ave
Lorenzo Beecher Lockard,	s.	*Bradford, Pa.,*	1201 E. Gene.
Samuel Miller Look,	s.	*Prattsburg,*	404 Irving
Anna Grace Loomis,	l. s.	*Syracuse,*	604 Turtle
Stephen Burdette Loveland,	c.	*Taberg,*	1113 E. Genesee
Lizzie Luella Lowell,	l. s.	*Bolivar,*	209 University Place
Mary Louisa Lowell,	l. s.	*Bolivar,*	209 University Place
Louis Elbert Macomber,	c.	*Hamilton,*	608 Crouse Ave
Lillie May McCulloch,	l. s.	*Syracuse,*	309 Lemon
Frank Keller Mc Fall,	c.	*Cortland,*	611 Irving
Frank Joseph Miller,	c.	*Syracuse,*	211 Catharine
Della Celia Mills,	l. s.	*Syracuse,*	332 Westcott
David Falkner Monash,	l. s.	*Syracuse,*	308 Harrison
Henry Louis Morgan,	s.	*Syracuse,*	529 S. Salina
William Leverett Morgan,	c.	*Rome,*	604 Crouse ave
William Wilson Nichols,	c.	*Rome,*	738 Harrison
Frank Wright Noxon,	l. s.	*Syracuse,*	325 Burnet ave
Kate Eliza Palmer,	l. s.	*Round Lake,*	202 Renwick ave
Smith Parish,	l. s.	*Portville,*	705 University ave
Frederick Jansen Perrine,	c.	*Kingston,*	1013 E. Adams
Samuel Norton Pinney,	c.	*Olean,*	705 University ave
George Owen Redington,	s.	*Syracuse,*	319 University ave
Anna Lillian Richards,	l. s.	*Marion,*	111 McClellan
Roy Spencer Richardson,	l. s.	*Syracuse,*	1012 Adams
Frank Aaron Rosenthal,	l. s.	*Syracuse,*	513 Jefferson

			City Address.
Arthur Sylvester Ruland,	l. s.	*Syracuse,*	728 E. Eayette
Arthur Goodrich Salsbury,	c.	*Rome,*	705 University ave
James Brownlee Sanford,	s.	*Syracuse,*	303 University Place
Stewart Scott,	c.	*Cicero,*	Irving Place
Gertrude Alice Shepherd,	c.	*Oswego,*	614 University ave
Lucian Herbert Shepherd,	c.	*Oswego,*	604 Crouse ave
Harriet Douglass W. Slater,	l. s.	*Brooklyn,*	111 McClellan
Arthur Jerome Smith,	c.	*Antwerp,*	1013 Adams
William Hemans Smith,	c.	*Collamer,*	119 Curtis Place
Richard Tremaine Southerst,	l. s.	*Syracuse,*	1005 E. Genesee
Allen Dorman Steele,	s.	*Elmira,*	731 Irving
Augustus C. Stevens,	l. s.	*Syracuse,*	803 James
Myra Stevens,	l. s.	*St. Johnsville,*	105 Marshall
John Austin Swann,	c.	*Gallupville,*	1117 E. Genesee.
Lulu Swift,	l. s.	*E. Syracuse,*	E. Syracuse
Jessie Kate Symonds,	l. s.	*Elmira,*	614 Univ. ave
Archibald Bert Taylor,	c.	*Angelica,*	324 Crouse ave
Theodore Wells Taylor,	c.	*Muncy Valley, Pa.,*	612 Cr. av
Helen Elizabeth Thalman,	l. s.	*Rome,*	108 McClellan
Myrtle Edith Thompson,	c.	*Batavia,*	1117 E. Genesee
Bertrand Martin Tipple,	c.	*Camden,*	802 Madison
Eugenia Elizabeth Titcomb,	s.	*Mayfield,*	202 Renwick ave
Edward Burdette Topping,	c.	*Homer,*	104 Marshall
Abram Lincoln Travis,	c.	*Garrisons,*	1004 Adams
Florence Edwina Trowbridge,	s.	*Camillus,*	107 Marshall
Wm. Henry VanBenschoten,	c.	*Newark,*	515 Crouse ave
Minnie Frances Wade,	l. s.	*Moravia,*	108 McClellan
Louis Mason Walsworth,	c.	*Delhi,*	*A. T.* Chap House
Frances Louise Warr,	c.	*Oneida,*	417 Univ. ave
Waldo Weston,	c.	*Syracuse,*	301 Locust
William Alonzo Wheatley,	l. s.	*Syracuse,*	151 Newell
George Morenus White,	l. s.	*Syracuse,*	408 Douglass
Milford John Whiteside,	l. s.	*Syracuse,*	618 Irving
George Frederick Whitfield,	c.	*Algona, Iowa,*	515 Crouse ave
Lieber Everett Whittic,	l. s.	*Syracuse,*	313 Almond
Blanche Eliza Widener,	s.	*Chili,*	111 McClellan
William W. Wilcox,	c.	*Chester,*	900 Irving
Merton Lee Willis,	s.	*Bath,*	404 Irving
Carrie Belle Witter,	l. s.	*Oneida,*	417 Univ. ave

SPECIAL STUDENTS.

(NOT CANDIDATES FOR A DEGREE.)

Chauncey Loomis Allen,	*Cicero*,	112 Gazelle
De Lancey Farnham Bartlett,	*Fayetteville*,	612 Crouse ave
Nellie Julia Bates,	*Oxford*,	112 Cayuga
Ottomar Block,	*Newark, N. J.*	
Franklin Peter Brill,	*Pottsville, Pa.*,	411 Comstock ave
Edward Carlton Britcher,	*Syracuse*,	707 S. West
Agnes Brown,	*Chittenango*,	127 Quince
Harriet Elizabeth Caward,	*Prattsburgh*,	617 Irving
Amy Isabel Cooper,	*Syracuse*,	108 Walnut Place
Marion Elizabeth Coville,	*Syracuse*,	613 Lodi
Edward Howard Dann,	*Syracuse*,	415 Jefferson
Lucien Adelbert Davison, B.P.,	*Cigarville*,	304 Centre
Joseph Douglas Green,	*Syracuse*,	55 The Mowry
Charles Everett Harris,	*Webster*,	611 Irving
Charles Mynderse Herrick,	*Syracuse*,	206 Adams
Eugenia Hobbs,	*Nineveh*,	108 McClellan
William F. Hodge,	*Antwerp*,	323 Crouse ave
Harriet Seymour Hollis,	*Pulaski*,	749 Harrison
Herbert Ray Jaquay,	*Chaumont*,	104 Marshall
Mary Louise Leonard,	*Syracuse*,	918 Madison
Margaret Irena Little,	*Syracuse*,	901 University ave
Stella Elizabeth McIntyre,	*Clyde*,	730 Crouse ave
Wm. McNamara McMahon,	*Caughdenoy*,	
Fannie Alice Osborne,	*Buffalo*,	209 University Place
Alice Hoyt Palmer,	*Matamoras, Pa.*,	803 Univ. ave
Minnie Minton Powers,	*S. Oxford*,	112 Cayuga
M. Elizabeth Scott,	*Syracuse*,	752 Harrison
Rutson Rea Smilay,	*Lowville*,	
Frank Lincoln Stevens,	*Syracuse*,	767 Harrison
Nathaniel Bennett White,	*Plattsburg*,	620 Crouse ave
Anna May Wilson,	*Lee, Mass.*,	209 Univ. Place
Sophia Marie Wilson,	*Onondaga Valley*,	
Amy Estella Yoran,	*East Creek*,	110 Raynor ave

College of Fine Arts.

POST-GRADUATE STUDENTS.

			City Address.
Lucian Albert Davison, B. P.,	p.	*Cigarville,*	304 Center
Nettie Curry Fuller, B. Mus.,	m.	*Syracuse,*	919 James
Carrie P. Jennings, B. Mus.,	m.	*Fulton,*	511 University ave

SENIOR CLASS.

Nellie Ruth Bainbridge,	p.	*Syracuse,*	942 Center
Grace Edith Cagwin,	p.	*Verona,*	618 Crouse ave
Margaret May Clark,	m.	*Elbridge,*	620 Crouse ave
Edith Florence Countryman,	p.	*Cuba,*	613 Irving
Charles Winfred Douglas,	m.	*Syracuse,*	*A. K. E.* Club H.
Frances Hart Dunn,	p.	*Syracuse,*	606 E. Genesee
Zoë Worthington Fiske,	p.	*Ithaca,*	408 Walnut Place
Harriet Smith Mead,	p.	*Syracuse,*	321 Monroe
Harriet Maude Miller,	p.	*Syracuse,*	803 E. Genesee
Kate Elizabeth Miller,	p.	*Syracuse,*	803 E. Genesee
Lillian Blanche Root,	m.	*Cooperstown,*	Alpha Phi C. H.
Florence Rose Worster,	p.	*Syracuse,*	405 Lemon

JUNIOR CLASS.

Elsa Lovina Ames,	p.	*Burdett,*	1045 Montgomery
Hattie Marie Barnes,	s. m.	*Oswego.*	
Burt Le Grand Bentley,	s. m.	*Cortland.*	

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular course in Architecture; m., the regular Course in Music; s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

			City Address.
Francis Fish Brewer,	p.	*Syracuse,*	606 Irving
Emma Brigham,	s. m.	*Syracuse,*	360 S. Salina
Florence A. Callaway,	s. m.	*Syracuse,*	Vanderbilt House
Grace Louise Carpenter,	p.	*Syracuse,*	905 Madison
Martha Celetta Carter,	p.	*Oneida,*	616 Irving
Edwin Hall Gaggin,	ar.	*Erie, Pa.,*	*Δ. K. E.* Club H.
Albert Eugene Hall,	p.	*Johnsburg,*	202 Renwick ave
Myra Irene Husted,	m.	*Syracuse,*	212 Johnson
Harriet Jacobson,	s. m.	*Syracuse,*	207 E. Jefferson
Jessie Edith Jones,	m.	*Rushville,*	616 Irving
Stella Frances Kingsley,	m.	*Syracuse,*	613 Gifford
Milton Miers Leiter,	s. m.	*Syracuse,*	411 Warren
Jeannette Mercer,	s, p., s. m.	*Wausau, Wis,*	616 Irving
Olive Crawford Moorhead,	m.	*Syracuse,*	616 Irving
Mary Johnson Nash,	s. m.	*Cortland.*	
Clara Belle Orr,	m.	*Syracuse,*	740 Harrison
Anna Bingham Packard,	m.	*Syracuse,*	419 Crouse ave
Kate Scott Rollo,	m.	*Syracuse,*	662 Madison
Elizabeth Belle Ruland,	m.	*Syracuse,*	728 E. Fayette
Margaret Ann Sexsmith,	s. m.	*Syracuse,*	608 Walnut ave
Fred Webster Sherwin,	ar.	*Canton,*	705 University ave
Blanche Stevens,	s. m.	*Syracuse,*	621 E. Genesee
Horace Stout,	s. m.	*Roselle, N. J.,*	611 Crouse ave
Evalina Vernon,	s. m.	*Syracuse,*	707 Irving
Stella Mary Walrath,	s. m.	*Syracuse,*	816 E. Fayette
Nina Weston,	m.	*Syracuse,*	301 Locust

SOPHOMORE CLASS.

Alice Adams,	m.	*Syracuse,*	107 Elizabeth
Jennie Annable,	s. m.	*Syracuse,*	408 Walnut Place
Allie Maude Bates,	s. m.	*Homer.*	
Frank L. Chamberlin,	s. m.	*Syracuse,*	526 Harrison
Maude Fowler Clarke,	s. m.	*Syracuse,*	701 Crouse ave
Alice Susan Colton,	s. m.	*Syracuse,*	115 Merriman ave
Ralph Manning Comfort,	ar.	*Syracuse,*	Vanderbilt House
Isadore Cropsey,	m.	*Oswego,*	912 Madison
Alton Eugene Darby,	s. m.	*Cortland.*	

			City Address.
Marion Foster Duncan,	m.	*Syracuse*,	517 Turtle
Martha Harwood Durston,	s. m.	*Syracuse*,	607 University ave
Mary Edson,	m.	*Crittenden*,	711 Crouse ave
Bertha Ella Elder,	s. m.	*Fulton.*	
Emma Willard Ely,	s. m.	*Chenango Forks*,	112 Har'n Pl.
Grace Lockwood Ferris,	m.	*De Witt*,	922 Madison
Clara Ellen Getman,	m.	*Ilion*,	900 Irving
Florence Eugenie Haanel,	p.	*Syracuse*,	113 McClellan
Grace Darling Haanel,	m.	*Syracuse*,	113 McClellan
Elizabeth Hale,	m.	*Skaneateles.*	
Gates Hamburger,	s. m.	*Syracuse*,	716 E. Jefferson
Inez Roxana Hamilton,	s. m.	*Cazenovia.*	
Livonia May Hitchcock,	m.	*Warners*,	616 Irving
Mary Alvia Horton,	s. m.	*Syracuse*,	410 Irving
Kate Elinor Hovey,	m.	*Sayre, Pa.*,	Alpha Phi C. H.
Frank Stannard Husted,	ar.	*Le Roy*,	705 University ave
Anne Sophia Johnson,	p.	*Syracuse*,	401 Howard
Lulu Kern,	m.	*Hamilton*,	209 Univ. Place
Frank Wheat Kirkland.	ar., s m.	*Rome*,	705 University ave
Charles Sydney Lackey,	ar.	*West Winfield*,	202 McClellan
Mabel Kinne Lewis,	m.	*Madison*,	Alpha Phi Chap. H.
Margaret Irma Little,	s. m.	*Syracuse*,	901 University ave
Nellie Mason,	m.	*Syracuse*,	605 University ave
Mary Anna Mattison,	p	*Milo Center*,	620 Crouse ave
Arline McCarthy,	s. m.	*Syracuse*,	402 Fayette Park
Helen Mc'G. McWilliams,	s. m.	*Quebec, Can.*,	511 Univ. ave
Burr Churchill Miller,	ar.	*Herkimer*,	705 University ave
Charlotte Mellen Packard,	s. m.	*Syracuse*,	303 University Place
Mary Mabelle Paddock,	p.	*Wolcott*,	Alpha Phi Chap. H.
Edith Palmer,	m.	*Syracuse*,	103 West Kennedy
Mary Patterson Pharis,	m.	*Syracuse*,	600 Lowell ave
Phebe Ella Pierson,	m.	*Waterloo*,	110 Raynor
Bessie Achsah Reed,	m.	*Syracuse*,	908 Harrison
Mary Elizabeth Reed,	p	*Syracuse*,	908 Harrison
Georgie Rose,	p.	*Syracuse*,	1006 Harrison
Blanche Emily Ryther,	m.	*Carthage*,	209 University Pl.
Maude Evelyn Sanford,	p.	*Syracuse*,	525 W. Onondaga
Mary M. Sandhovel,	p., s. m.	*Mexico*,	Alpha Phi Chap. H.

			City Address.
Lena Josephine Schreuder,	m.	*Syracuse,*	1032 S. Salina
Grace Darrow Searle,	s. p.	*East Onondaga.*	
Nettie Sarah Seely,	m.	*Spencer,*	802 University ave
Harriet Case Stacey,	s. m.	*Syracuse,*	809 Geddes
John Richard Stephens,	s. m.	*Tollsville,*	104 Marshall
Clara May Sweet,	m.	*Cicero,*	1007 E. Adams
John Sherman Tack,	p., s. m.	*Syracuse,*	302 Walnut ave
Julia Adelaide Talbot,	m.	*Syracuse,*	622 Irving
Rosa Anna Terlinden,	s. m.	*Syracuse,*	617 N. Salina
Ella Miriam Traver,	m.	*Red Hook,*	110 Raynor
Margaret Tucker,	m.	*Philadelphia,*	900 Irving
Fanny Turton,	m.	*North Chemung,*	617 Irving
Sarah Louise Weeks,	m.	*Skaneateles,*	Alpha Phi C. H.
Lillian Belle Van Heusen,	m.	*Syracuse,*	701 University ave
Frank Kendal Ward,	ar.	*Le Roy,*	705 University ave

FRESHMAN CLASS.

Anna Denton Adams,	s. m.	*Marathon.*	
Florence Eliza Aldrich,	s. m.	*Port Byron,*	105 Marshall
Lillie Sophia Allewelt,	s. m.	*Syracuse,*	909 North Salina
Lillis Barlow,	s. m.	*Canastota,*	731 Crouse ave
Ruby Baum,	p.	*Syracuse,*	712 Croton
Mary Holly Bemis,	s. p.	*Pierpont Manor,*	509 S. Salina
Wesley Williston Bissell,	m.	*Olean,*	Delta Upsilon Chapter
Ora Heath Boesé,	s. m.	*Syracuse,*	Vanderbilt House
Emma Alice Brace,	s. p., s. m.	*Syracuse,*	The Florence
Jeanne Helmer Brockett,	s. m.	*Dolgeville,*	110 Raynor
Margaret Brown,	m.	*Syracuse,*	212 Shonnard
Jessie Meredith Burdick,	m.	*Round Lake,*	618 Irving
Leon Alanson Carley,	s. m.	*Homer,*	1005 E. Genesee
George Fletcher Chandler,	m.	*Syracuse,*	The Florence
Blanche Emma Chapman,	p.	*Oneida,*	618 Irving
Aurin Moody Chase,	s. m.	*Syracuse,*	318 James
Augusta Matilda Clark,	s. m.	*Syracuse,*	750 Irving
Carrie Johnson Clark,	s. p.	*Syracuse,*	907 University ave
Jessie Suydam Clark,	s. m.	*Syracuse,*	452 South Salina
Oliver Vincent Clark,	ar.	*East Onondaga.*	

			City Address.
Jennie Belle Cole,	s. m.	*Lysander*,	222 Davis
Kate Mary Collins,	s. m.	*Syracuse*,	230 Rust
Frederic P. Comfort,	s. m., s. p.	*Syracuse*,	Vanderbilt House
Clara Belle Condon,	s. m.	*Oswego.*	
Charles Francis Coonley,	s. ar.	*Cicero.*	
Cynthia Lucinda Coonrad,	s. p.	*Warners.*	
George Draper Coons,	s. ar.	*Penn Yan*,	107 Marshall
Ada Adelle Cooper,	s. m.	*Oswego*,	900 Irving
Jennie Dennison Cooper,	s. m.	*Syracuse*,	818 South West
Minnie Bertha Dalton,	s. m.	*Morrisville.*	
Cordelia Cogswell Dana,	s. p.	*Syracuse*,	206 Highland
Mary Cogswell Dana,	s. p.	*Syracuse*,	206 Highland
Lillian Danziger,	s. p.	*Syracuse*,	616 Genesee
Ida Belle Darby,	s. m.	*Syracuse*,	105 Caroline
Lillian A. De Long,	p.. s. m.	*Syracuse*,	910 Danforth
Anna Christine Dudley,	p.	*Kingston, Pa.*,	Univ. ave
Alice Scott Dunn, B. P.,	s. m.	*Syracuse*,	Dunn Park
Sybel Belle Dunn,	m.	*Syracuse*,	Dunn Park
Emile Keene Elmendorf,	s. m.	*Racine, Wis.*,	209 Univ. Place
Grace Margaret Featherly,	m.	*Syracuse*,	118 South ave
Ida May Fisher,	s. m.	*Fayetteville.*	
Mary Theresa French,	s. m.	*Mexico.*	
Edith Helena Gates,	m.	*Livonia*,	219 University Place
Louisa Phebe Graff,	s. m.	*Utica*,	622 Irving
Elizabeth Griffith,	s. m.	*Syracuse*,	111 McClellan
Miriam Adelia Guernsey,	s. m.	*Canton, Pa.*,	Alpha Phi C. H.
Florence A. Halstead,	s. m.	*Weedsport*,	1106 E. Adams
Genevieve A. Harrington,	p.	*Syracuse*,	1204 East Adams
Susannah C. Hatmaker,	m.	*Syracuse*,	105 Marshall
Cora B. Henderson,	s. m., s. p.	*Walton*,	740 Harrison
George W. Hey, Jr.,	s. m.	*Syracuse*,	201 De Witt
Anna Lora Hopkins,	s. p.	*Watervale*,	908 Harrison
William Horan,	s. p.	*Syracuse*,	21 South Geddes
Frank Ely Howe,	s. m.	*Batavia*,	900 University ave
Alice Cornelia Hoyt,	s. m.	*Highland*,	309 Univ. Place
Ida Julia Hubbard,	s. p.	*Waterville*,	118 Shonnard
Carolina C. Johnson,	s. p., s. m.	*Fredonia*,	719 Crouse avenue
Cyrus Fisher Johnson,	ar.	*Memphis, Tenn.*,	907 Univ. ave

			City Address.
Celia Frances Kelly,	s. m.	*Oswego,*	
Alma Jeannette Kenyon,	s. p.	*Syracuse,*	601 Warren
Lillie Kipp,	s. m.	*West Fayette,*	619 Irving
Anna E Leonard, B. P.,	s. m.	*Syracuse,*	918 Madison
Benjamin Lesser,	s. m.	*Syracuse,*	705 Warren
Grace Whitney Leslie,	m.	*Syracuse,*	214 Onondaga
Cordelia Schultz Losey,	p.	*Elmira,*	618 Crouse ave
Ellen Osgood Lyford,	s. m.	*Syracuse,*	906 Irving
Laura Jane Marshall,	s. m.	*Pratt's Hollow.*	
Gertrude May Martin,	m.	*Rome,*	209 University Place
Lena May McCarthy,	s. m.	*Phoenix.*	
Arabella J. Messenger,	s. m.	*Smyrna,*	126 South ave
Burton Michael,	s. m.	*New York City,*	411 Warren
Lucia E. H. Moore,	s. p.	*Syracuse,*	141 Gifford
Catherine Elizabeth Moore,	s. m.	*Syracuse,*	141 Gifford
Charles Mullin,	s. m.	*Syracuse,*	610 E. Fayette
Cora Adella Out, B. S.,	p.	*Syracuse,*	118 Sabine
Laura Tomlinson Page,	s. m.	*Syracuse,*	609 University ave
May Cornelia Parrish,	ar.	*Onondaga Valley.*	
Retta Patterson,	s. p.	*Syracuse,*	709 Crouse ave
Jessie Angela Perrin,	m.	*W. Pittston, Pa.,*	802 Univ. ave
Grace Dwight Potter,	s m.	*Syracuse,*	405 W. Onondaga
Harriet Frances Raymer,	s. p.	*Lyons.*	
Florence Etta Rice,	s. m.	*Oswego.*	
Fanny Belle Ripsom,	s. m.	*Pulaski,*	447 Irving
Maude Louise Russ,	s. m.	*Phoenix.*	
Clara W. Schultze,	s m., s. p.	*Portage, Wis.,*	716 Crouse ave
Theodora Sedgwick,	s. m.	*Syracuse,*	1027 James
Gail Sherman,	s. p.	*Syracuse,*	1312 Park
Rachel Shevelson, A. B.,	s. m.	*Syracuse,*	702 Crouse ave
Helena Mercy Smith,	ar.	*Middlebury, Vt.,*	701 Crouse av
Anna Hamilton Spoor,	s. p.	*Syracuse,*	454 Shonnard
Edith Clare Stobo,	m.	*Syracuse,*	620 Crouse ave
Lottie C. Stoutenburg,	s. m.	*Penn Yan,*	306 Burnet
Lamorie Stumpf,	s. m.	*Rapids,*	330 Jackson
Archibald Swartz,	ar.	*Syracuse,*	The Florence
Mary Adella Tack,	s. m.	*Syracuse,*	302 Walnut ave
Austianna Eliza Taylor,	m.	*Brooklyn,*	113 McClellan

			City Address.
Clara Edith Titus,	s. m.	*Syracuse,*	906 Irving
Viola Vernon,	s. m.	*Syracuse,*	707 Irving
Lesley Leonora Voorhees,	s. p.	*Baldwinsville.*	
Ina Elizabeth Wallace,	m.	*Apulia,*	645 Madison
Adelaide Alida Warne,	p.	*Syracuse,*	231 Baker ave
Mabel Harriet Webster,	s. m.	*Apulia.*	
Frances Morris Wilkins,	s. m.	*Syracuse,*	212 Almond
Clara Martha Williams,	s. p.	*Ithaca,*	408 Walnut Place
Jessie T. Williams,	s. m.	*Syracuse,*	664 Madison
Frederick W. Woese,	s. m.	*Syracuse,*	621 Catharine
Florence Margaret Wood,	s. m.	*Syracuse,*	1117 E. Genesee
Pearl Sibson Wood,	s. m.	*Syracuse,*	132 Grape
Florence A. Wright, B. P.,	s. m.	*Syracuse,*	The Florence
Lucy Catherine Yates,	m.	*Geddes.*	

GYMNASIAL STUDENTS.

Addie Helen Barden,	*Bellona,*	619 Irving
Ella Marie Barry,	*Syracuse,*	5169 Adams
Hannah Berwin,	*Syracuse,*	740 Harrison
Susan Gay Britcher,	*Syracuse,*	707 South West
Frederick Thomas Cahill,	*Oswego.*	
James Joseph Carey,	*Syracuse,*	126 Richmond ave
Nettie Alida Chapman,	*Scipio,*	108 McClellan
Byer Ives Cooper,	*Syracuse,*	108 Walnut Place
Isabel Nelson Cowie,	*Syracuse,*	913 West Genesee
Sarah Crabtree,	*Syracuse,*	114 West Castle
James Dwight Creegan,	*Syracuse,*	731 Irving
Linus Judson Creegan,	*Syracuse,*	731 Irving
Mamie Ella Crofut,	*Syracuse,*	06 Madison
Minnie Elizabeth Curtis,	*Syracuse,*	817 South West
Cora Theresa Danziger,	*Syracuse,*	412 Warren
Elizabeth Ellen Dills,	*Union Springs,*	1418 Mulberry
Thomas Edward Dudley,	*Syracuse,*	205 East Onondaga
Laura Durston,	*Anaconda, Mon.,*	509 James
Bertha Theodore Evans,	*Syracuse,*	312 East Castle
Grace Foote,	*Syracuse,*	207 Gifford

For the convenience of students desirous of pursuing their musical studies preparatory for the Collegiate Course, a Gymnasial Course has been arranged.

		City Address.
Anna Friend,	*Syracuse,*	722 East Fayette
Fanny Friendly,	*Syracuse,*	705 East Genesee
Beulah Vaughn Gaylord,	*Syracuse,*	The Florence
Mary Ella Grant,	*Syracuse,*	504 University ave
Mary Brown Haanel,	*Syracuse,*	113 McClellan
Esther Hamburger,	*Syracuse,*	716 East Jefferson
Clara Grace Hookway,	*Syracuse,*	753 Harrison
Charles Henry Howe,	*Syracuse,*	712 East Jefferson
Ray Moseman Huff,	*Syracuse,*	112 Lexington ave
Clara Aleene Jewell,	*Homer.*	
Carlisle Norwood Jones,	*Syracuse,*	716 Crouse ave
Minnie Vera Kirkland,	*Syracuse,*	709 East Fayette
Josephine Percy Lalor,	*Syracuse,*	1143 South Salina
Minnie Frances Leach,	*East Syracuse.*	
Mary Louise Leonard,	*Syracuse,*	918 Madison
Bertha Isadore Long,	*Syracuse,*	323 Renwick ave
Mott Martin McArdle,	*Syracuse,*	1116 Milton ave
Jeannette May McCarthy,	*Oswego.*	
Josephine Amelia Miller,	*Syracuse,*	207 Park ave
Elizabeth Ford Packard,	*Syracuse,*	303 University Place
Clara May Phillips,	*Belleville.*	
Bertha Rosenbloom,	*Syracuse,*	700 E. Fayette
Grace Julia Sawyer,	*Syracuse,*	700 University ave
Mary Ring Schoonmaker,	*Syracuse,*	313 East Onondaga
Elizabeth Jane Scott,	*Syracuse,*	1429 South Salina
Nettie Grace Selleck,	*Syracuse,*	318 East Castle
Margaret Ely Seymour,	*Syracuse,*	201 Rust
Margaret Kimball Sherman,	*Syracuse,*	107 Cedar
Edward Albert Silverstein,	*Duluth, Minn.,*	218 Cedar
Gertrude Simmons,	*Syracuse,*	137 Montgomery
Frank Mather Smalley,	*Syracuse,*	607 University ave
Ethel Sweet,	*Syracuse,*	401 James
Mabel Thalheimer,	*Syracuse,*	East Genesee
Grace Gardner Truair,	*Syracuse,*	568 Cedar
Katherine I. Van Antwerp,	*East Syracuse.*	
Paul Vernon,	*Syracuse,*	707 Irving
Stephen Barker Vernon,	*Syracuse,*	707 Irving
Minnie Frances Wade,	*Moravia.*	
Francis Hamilton White,	*Syracuse,*	519 Taylor

College of Medicine.

THIRD YEAR.

		City Address.
Charles H. Benson,	*Syracuse*,	902 Montgomery
William H. Dower,	*Syracuse*,	1205 Grape
James H. Drum,	*Syracuse*,	311 Warren
Fred S. Fay,	*East Onondaga*,	E. Onondaga P. O.
Elizabeth C. Gilkison,	*Brooklyn*,	302 James
George F. Head,	*Syracuse*,	107 West Kennedy
Charles Lynch,	*Syracuse*,	301 James
Adelbert W. Marsh,	*East Syracuse*,	E. Syracuse, P. O.
Luella M. Masters,	*Thornton, Ind.*,	503 Warren
Elizabeth J. Palmer,	*Cortland*,	713 East Fayette
Frank J. Rupp,	*Syracuse*,	605 McBride
Charles J. Walch,	*Syracuse*,	57 West Onondaga

SECOND YEAR.

Lucius C. Baumgras,	*Syracuse*,	619 Montgomery
E. A. Brown,	*Syracuse*,	913 East Genesee
Henry H. Bradley,	*Bradford, Pa.*,	610 Otisco
William B. Christopher,	*Whitney's Point*,	617 Mulberry
Ellis Crane,	*Spafford*,	112 McClellan
C. V. J. Doolittle,	*Syracuse*,	319 Crouse ave
Julia M. Elwin,	*Salem, Mass.*,	904 East Genesee
Francis G. Englehardt,	*Syracuse*,	402 Prospect ave
Grant P. Fuller,	*Macon, Ga.*,	707 Montgomery
Charles Gay,	*Syracuse*,	610 Otisco
William D. Johnson,	*Stone Church*,	217 West Fayette

		City Address.
Louis K. Peck,	*Syracuse*,	908 Alvord
Charles L. Parker,	*Camillus*,	700 West
George L. Richardson,	*Syracuse*,	707 Montgomery
Walter A. Scott,	*Greenwich*,	318 Irving
George W. Shoemaker,	*Billings, Mont.*,	1106 E. Adams
Charles D. Vernooy,	*Accord*,	318 Irving
Ulysses G. Williams,	*Syracuse*,	104 Marshall
Edward J. Wynkoop,	*Syracuse*,	406 James

FIRST YEAR.

Winfield H. Ames,	*Syracuse*,	719 East Washington
Hetty Barnes,	*Syracuse*,	713 East Fayette
Stewart S. Bibbins,	*Savannah*,	201 South ave
Oliver A. Blumenthal,	*Syracuse*,	811 Mulberry
Paul F. Carpenter,	*Cortland*,	611 Irving
B. K. Devoe,	*Accord*,	318 Irving
John W. Fairney,	*Syracuse*,	413 Shonnard
Melvin H. Fuller,	*Gloversville*,	506 Irving
John R. Harding,	*Syracuse*,	508 Bear
Hiram B. Hawley.	*Syracuse*,	1100 North Salina
A. Weiting Hedden,	*Syracuse*,	717 Almond
Leroy F. Hollis,	*Sandy Creek*,	104 Marshall
Albert S. Hotaling,	*Syracuse*,	117 South ave
Victoria M. Kematen,	*Syracuse*,	177 Midland ave
I. Harris Levy, B. Ph.,	*Syracuse*,	716 Harris ave
J. V. Lewis,	*Prattsburgh*,	318 Irving
Kate F. Ozman,	*Midway*	728 E. Fayette
John W. Plant,	*Syracuse*,	224 Harrison
Arthur S. Ruland,	*Syracuse*,	728 East Fayette
Clara L. Tobey,	*St. Louis, Mo.*,	410 Willow

Summary of Students.

College of Liberal Arts.

Post-Graduate Student,		125
Resident Post-Graduates,		1
Senior Class,	34	
Junior Class,	56	
Sophomore Class,	81	
Freshman Class,	133	
Special Students,	33	—337

College of Fine Arts.

Post-Graduate Students,		3
Senior Class,	12	
Junior Class,	29	
Sophomore Class,	62	
Freshman Class,	110	—213
Gymnasial Students in Music,		59

College of Medicine.

Third Year,	12	
Second Year,	19	
First Year,	20	— 51
		789
Names repeated,		15
Total,		774

CALENDAR.

1891.

January 6, *Tuesday*, Winter term begins.
" 29, *Thursday*, Day of Prayer for Colleges.
February 5, *Thursday*, 8 P. M., Senior Exhibition.
" 10, *Tuesday*, First term of the College of Medicine ends.
" 11, *Wednesday*, Second term of the College of Medicine begins.
March 5, *Thursday*, 8 P. M., Senior Exhibition.
" 27–31, *Friday—Tuesday*, Term examinations.
" 31, April 1, *Tuesday, Wednesday*, Supplementary examinations.
" 7, *Tuesday*, Spring term begins.
May 1, *Thursday*, Seniors present their Commencement Orations.
June 3–5, *Wednesday—Friday*, Final examinations of Seniors.
" 11, *Thursday*, Second term of the College of Medicine ends.
" 16–18, *Tuesday—Thursday*, Term examinations.
" 20, *Saturday*, 10 A. M., Annual Meeting of University Senate.
" 21, *Sunday*, 10:30 A. M., Baccalaureate Sermon.
" 22–24, *Monday—Wednesday*, Annual Exhibition of the Works of Art produced during the year.
" 22, *Monday*, 9 A. M., Entrance examinations begin.
2:30 P. M., Class Day exercises.
8 P. M., Annual Musical Soiree.

June	23,	*Tuesday*, 10 A. M., Annual Meeting of Trustees. 10 A. M., Annual Meeting of Alumni Association. 8 P. M., Literary Meeting of Alumni Association.
"	24,	*Wednesday*, 2 P. M., COMMENCEMENT.
"	25,	*Thursday*, Summer Vacation begins.
September	14,	*Monday*, 9 A. M., Entrance examinations begin.
"	17,	*Thursday*, Fall term begins. Students assemble in Chapel at 9:30 A.M.
October	6,	*Tuesday*, First term of the College of Medicine begins.
November	5,	*Thursday*, 8 P. M., Senior Exhibition.
"	26–28,	*Thursday—Saturday*, Thanksgiving Recess.
December	3,	*Thursday*, Senior Exhibition.
"	16–18,	*Wednesday—Friday*, Term Examinations.
"	18,	*Friday*, Fall term ends. Holiday Recess begins.
1892.		
January	5,	*Tuesday*, Winter term begins.
"	28,	*Thursday*, Day of Prayer for Colleges.
February	4,	*Thursday*, 8 P. M., Senior Exhibition.
"	9,	*Tuesday*, First term of the College of Medicine ends.
"	10,	*Wednesday*, Second term of the College of Medicine begins.
March	3,	*Thursday*, 8 P. M., Senior Exhibition.
"	28–30,	*Monday—Wednesday*, Term examinations.
April	5,	*Tuesday*, Spring term begins.

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SYRACUSE UNIVERSITY

1891-92.

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FOR THE

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1891-92.

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General Information.

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The University has three Colleges organized and in operation. These are:

I. The College of Liberal Arts,
II. The College of Fine Arts,
III. The College of Medicine.

They are open to men and women on the same conditions.

GROUNDS AND BUILDINGS.

The University Campus contains fifty acres, and is beautifully situated in the southeastern part of the city, commanding views of the surrounding country for many miles.

The Hall of Languages, occupied by the College of Liberal Arts, is a dressed limestone building, 180 by 96 feet, four stories in height.

The Charles Demarest Holden Observatory is built of rock-faced gray limestone. It is equipped with an eight-inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, etc. It is also provided with apparatus for meteorological observations.

The Library Building, constructed of limestone and Trenton brick, with terra cotta trimmings, was completed in 1889. It has abundant room for all needed library appliances, and shelving in the stack room for 135,000 volumes.

The Gymnasium and Christian Association Building is constructed of brick, with limestone trimmings. It is 101 by 70 feet extreme measures. It contains all the appointments for a first-class gymnasium; also parlors, office and Assembly room for the Christian Association work of the University. It will be opened about January 1st, 1892.

The John Crouse Memorial College Edifice, built and furnished by the late Mr. John Crouse, and his son, Mr. D. Edgar Crouse, is of Long Meadow red sandstone, with granite foundation. It is four stories high, 162 by 190 feet in extreme dimensions, and is one of the most imposing of College structures. The College of Fine Arts is in this building.

The College of Medicine occupies three suitable buildings on Orange street, near Genesee.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the State have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College, at Claverack; Cazenovia Seminary, at Cazenovia; Ives Seminary, at Antwerp; Onondaga Academy, at Onondaga Valley; Yates Union School, at Chittenango; and Genesee Wesleyan Seminary, at Lima.

ENDOWMENTS AND PROPERTY.

The University has $500,000 of productive endowment. The present net value of its entire property is $1,651,000.

LIBRARIES.

The general library contains 45,000 volumes, and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University.

The College of Medicine has a valuable professional library accessible to the medical students.

MUSEUMS.

The University Museum contains a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains;
2. An extensive lithologic collection representing all the leading types of rocks;
3. A collection of fossils illustrating especially the paleontology of New York State;
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds;
2. A considerable collection of alcoholic specimens, mostly of Invertebrates;
3. A collection of shells with abundant representation of nearly all molluscan families;
4. A collection of insects.

In Botany a well-ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The College of Medicine has an excellent Museum, extensive in the department of Pathology, and amply provided with the means of illustration of the Materia Medica.

The College of Fine Arts has several thousand photographs, engravings and chromo lithographs, and a good collection of plaster casts procured several years ago. To these have been added a very fine collection of casts presented by a friend in New York, and the celebrated Wolff collection of Engravings, containing 12,000 sheets of rare and costly etchings and engravings representing the great masters of the art in all ages. This great collection was the gift of Mrs. Harriet Leavenworth, of Syracuse, in April, 1889.

SCHOLARSHIP HONORS.

The College of Liberal Arts has established a system of honors by which students maintaining high rank in class work throughout the term are admitted to special honor examinations, and upon successfully passing these, are recorded as *first grade* students for the term. Those who maintain *first grade* rank for two or more terms in the year will receive special recognition in the ANNUAL.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. Thirty-seven of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Science Course, *Bachelor of Science;* the Course in Architecture, *Bachelor of Architecture;* the Course in Paint-

ing, *Bachelor in Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Course of Study, published by the University. These Courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see Index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its Anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend the Sabbath morning church service.

EXPENSES.

In the College of Liberal Arts, the tuition is $20.00 per term; to the sons and daughters of clergymen, $10.00.

When a student is dependent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for tuition in the College of Liberal Arts, and for one-fourth of his tuition in the College of Fine Arts, to be paid at his earliest convenience after leaving College. An incidental fee of $5.00 per term is charged in the College of Liberal Arts. The cost of materials used in the Chemical, Physical and Biological Laboratories is defrayed by the student and does not exceed $5.00 per term in each.

In the College of Fine Arts the tuition is $40.00 per term; to sons and daughters of clergymen, $20.00 per term. Students desiring to do so, may arrange for private instruction in music by engaging the entire hour. The following is a schedule of prices for such students in music as do not pay regular tuition:

Two Piano, Vocal, or Violin lessons of one hour each per week (in classes of three),	$18 00
One Piano, Vocal, or Violin lesson of one hour per week (in classes of three),	9 00
Two Organ lessons of one hour each per week (in classes of three),	20 00
One Organ lesson of one hour per week (in classes of three),	10 00
Two Theory lessons of one hour each per week (in classes),	6 00

A matriculation fee of $5.00 is required of every student, on admission to the University, and $20.00 for graduation and diploma.

In the College of Medicine, the fees and expenses are:

Matriculation,	$ 5 00
Dissection, including material,	10 00
Tuition for each year,	80 00
Graduation,	25 00

If payment is made for the three years in advance, the charge is, after matriculation, $200.00.

Children of regular physicians and the children of clergymen, may avail themselves of a reduction of one-half the above tuition fee for each year, or if payment is made for the three years in advance, the charge is, after matriculation, $100.00.

Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

College of Liberal Arts.

Faculty of the College of Liberal Arts.

REV. CHAS. N. SIMS, D. D. LL. D., CHANCELLOR,
Professor of English Literature.

JOHN R. FRENCH, LL. D., DEAN,
Gardner Baker Professor of Mathematics.

REV. W. P. CODDINGTON, D. D.,
William Penn Abbott Professor of Philosophy and Pedagogy.

FRANK SMALLEY, A. M., PH. D.,
Professor of Latin Language and Literature.

J. SCOTT CLARK, A. M.,
Professor of Rhetoric, English Criticism and Elocution.

EUGENE HAANEL, PH. D. (BRESL.), F. R. S. C.,
Professor of Physics and J. Dorman Steele Professor of Theistic Science.

WILLIAM H. MACE, A. M.,
William Griffin Professor of History and Political Science.

REV. CHARLES W. HARGITT, A. M., PH. D.,
Professor of Biology and Geology.

JOSEPH T. FISCHER, B. PH.,
Instructor in French and German.

HENRY A. PECK, A. M.,
Director of the Observatory and Instructor in Mathematics.

ERNEST N. PATTEE, B. S.,
Instructor in Chemistry.

EDGAR A. EMENS, A. M.,
Adjunct Professor of Greek.

REV. F. J. HOLZWARTH, PH. D.,
Instructor in German.

JOHN R. FRENCH,
Secretary of the Faculty.

ERNEST N. PATTEE,
Curator of the Museum.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and includes a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Science Course offers good facilities for thorough laboratory work in several distinct lines as shown in the schedule of Parallel Courses. (See index.)

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is larger.

Students preparing for college are advised to study stenography wherever practicable, as it will be of great service in taking notes of lectures.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:

(1.) English Grammar.—

(2.) Geography.—Ancient and Modern; Political and Elements of Physical.

(3.) History.—*United States; Roman*, to the end of the third Punic War.

(4.) Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5.) Physics.—J. Dorman Steele's work or its equivalent.

(6.) HUMAN PHYSIOLOGY.—Equivalent to J. D. Steele's work.

(7.) LATIN.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues,* and six books of the *Æneid,* with special reference to the prosody; Allen and Greenough's *Latin Composition,* part first complete.

(8.) GREEK.—Hadley and Allen's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad,* and the first three chapters of Boise's *Greek Prose Composition.*

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin Scientific Course are examined in the studies required for the Classical Course, excepting the Greek; and are also examined in German as follows: (1) the principles of the grammar and construction for translating English into German; (2) the translation of 100 pages of Grimm's or Anderson's Maerchen, or 60 pages of Hauff's Maerchen, or an equivalent, and one play of Goethe, Schiller or Lessing; (3) ability to translate at sight easy German, other than the above.

3. Candidates for the Science Course are examined in all the studies required for the Latin Scientific Course, but in place of the Latin they may offer the following French: (1) the grammar equivalent to Part II. of Edgren's French Grammar to page 110, or Part I. of Bocher's Otto, or Whitney; (2) the translation of l'Abbe Constantin entire, or 250 pages of Jenkins' Contes Choisis, or 10 books of Fenelon's Telemaque, or any two of Jenkins' plays of the Theatre Contemporain, or of Holt's College Series of French Plays; (3) ability to translate at sight easy French other than the above.

II. TO ADVANCED CLASSES.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to

give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. Special Students.

Students who do not desire to complete any of the regular courses of study, may pursue such studies as their qualifications permit. They are expected to attend such general exercises as may be assigned to them, be subject to all the general rules, and take work enough to occupy all their time.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English literature from its beginnings to the present, together with so much of the history of the English people and language as is necessary to an intelligent comprehension of the literature.

The writings of the best authors of the several periods are examined and characterized in the classes and the genesis and growth of the various forms of literature carefully considered.

Freshman Year: The first term's work is devoted to outlining the different periods of English literature, to the proper grouping of authors, and to certain phases of Anglo-Saxon and Early English.

The second term's work is a study of authors and literature to the time of Queen Anne.

Senior Year: In this year the literature of the language is studied critically from Addison to the present time.

While much of the instruction in this department is given by lectures, text-books are retained and used.

2.—Latin Language and Literature.

Two text-books are used throughout the course, viz: Harkness' Standard Latin Grammar, as the constant refer-

ence manual, and Smalley's Latin Analysis, as an exercise in Etymology designed to secure the careful study and correct analysis of Latin words.

FRESHMAN YEAR: *First term*, Cicero, Cato Major and Lælius; Prose Composition; Roman History, Merivale. During this and the following terms Latin Syntax and Etymology are reviewed, the student committing illustrative sentences in Syntax. *Second term*, Livy, Books I and XXI; Prose Composition; Roman History; exercises in writing translations of Livy. *Third term*, Juvenal's Satires; written translations of Juvenal, and exercises in reading Latin at sight.

SOPHOMORE YEAR: *Second term*, Horace; selections from the Odes, Epodes, Satires, and Epistles; essays on Roman life, customs, dress, buildings, utensils, economy, etc. Prosody is reviewed and constant attention given to scanning the meters of Horace.

JUNIOR YEAR: *First term*, Tusculan Disputations, first book, together with Somnium Scipionis from De Republica, and extracts from De Senectute and De Amicitia, embracing nearly all that Cicero wrote on the immortality of the soul; brief lectures on Greek Philosophy, designed to explain the numerous allusions of Cicero to the doctrines of ancient philosophers, and to give a connected view of the schools which were the source of his eclecticism. *Second term* (elective), one of the following: Tacitus, Germania and Agricola, or Champlin's Selections; Lucretius; De Rerum Natura; Quintilian; Institutes of Oratory, Books X. and XII.: Horace; Art of Poetry and Epistles: Plautus: or Terence. *Third term*, Selections from the minor poets Catullus, Tibullus, Propertius, Lucan, etc.; Latin Literature; Bender, with sight reading of selections covering the entire range of the literature.

SENIOR YEAR: *First term* (elective), Cruttwell's Roman Literature, with lectures on the origin and development of the Latin Language and its early records and relics.

3.—Greek Language and Literature.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the Language, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the forms and sense of words, together with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with special reference to the style, subject matter and spirit of the author.

The study of the History, Geography and Archæology is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

The authors usually read are Homer, Æschylus, Sophocles, Euripides and Pindar among the Poets, Demosthenes and Lysias in Oratory, and Plato in Philosophy.

Freshman Year: *First term*, Owen's Homer's Iliad, four books; Hadley and Allen's Greek Grammar. *Second term*, Demosthenes on the Crown; Boise's Greek Prose Composition. *Third term*, Demosthenes on the Crown, completed. Boise's Greek prose composition.

Sophomore Year: *First term*, Plato's Apology and Crito: Lectures on Greek Philosophy. *Third term*, Greek Tragedy: Lectures on the Greek Drama.

Junior Year: *Second term*, Greek Comedy (elective).

Senior Year: *First term*, Greek Testament (elective): *Second term*, (elective) Anthologie aus den Lyrikern der Griechen, Buchholz.

4.—Modern Languages.

German, Classical Course: *First term*, Elements of Grammar, translation of English into German, easy German into English. *Second and third terms*, Advanced grammar, German composition and translation.

Second Year (elective): *First term*, Grammar, derivation and composition of words, modern German prose. *Second term*, Outlines of History of German Literature, or German Poetry. *Third term*, Classic Drama.

Latin Scientific and Science Courses: *First term*, Review of elements of grammar and sentence construction, German composition, modern prose. *Second term*, Advanced grammar, composition, classic prose. *Third term*, Grammar, word derivation and composition, classic prose.

Second Year: Reading from scientific works.

Third Year: History of German Literature, principal authors studied from best short works. Reading at sight is made prominent throughout the course.

Books used: Joynes-Meissner's German Grammar. Ahn-Henn's Synopsis of German Grammar. Maerchen of Grimm, Andersen, Hauff. Selections from the works of Goethe, Schiller, Lessing, Heine, Hauff, Auerbach, Riehl, Archenholtz, Freitag, Heyse, Niebuhr. Litteraturgeschichte, von Kluge, Koenig, Moebius. Keller, Mustersammlung deutscher Gedichte.

French—Classical and Latin Scientific Courses: *First term*, Elements of grammar, reading of easy French. *Second and third terms*, Grammar continued, selections from modern prose.

Second Year: French literature, general outline from French text, reading the best short works of principal authors, supplementary lectures.

Science Course: *First and second terms*, Elements of grammar, reading of easy French. *Third term*, Reading from modern prose.

THIRD YEAR: *First term*, Modern, or classic prose. *Second and third terms*, Scientific French. Reading at sight is made prominent throughout.

Books used: Edgren's French Grammar. Duruy, Ducoudray, Histoire de France. Selections from the works of About, Halevy, Hugo, Daudet, Sand, DeVigny, Flammarion, Greville, Corneille, Moliere, Racine, Boileau, La Fontaine, Bossuet, Voltaire.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's College)—Quadratic equations, reviewed, calculus of radicals, theory of indeterminate coefficients, binominal theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's)—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binominal differentials, rectifications and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin Scientific courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin Scientific courses, required in the Science course,]

composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy—Four courses are offered in this subject:

1. General Astronomy for one term, embracing the elementary principles of Spherical and Physical Astronomy, such as parallax, refraction, precession and aberration, together with a summary of Descriptive Astronomy.

2. Practical Astronomy extending through two terms, in the first of which the instrument chiefly used is the sextant and in the second as thorough a study as the time will permit is made of the transit, equatorial and filar micrometer.

3. Physical Astronomy, one term, in which the principles of this branch of the subject are more fully treated than in the course in General Astronomy.

4. Spectrum Analysis for two terms, leading to a knowledge of the methods employed in the New Astronomy.

6.—Chemistry.

During the Freshman year, the students in the Science course pursue the subject of Introductory Chemistry. The work consists partly of lectures and recitations and partly of experiments in the laboratory. The students are taught the proper method of performing chemical operations, the action of the common reagents, and the construction and use of the apparatus necessary for laboratory work.

Notes are required to be taken both of the work in the class room and of the experiments in the laboratory. These notes must be written in proper form and submitted from time to time for inspection.

During the first and second terms of the Sophomore year, Theoretical and Descriptive Chemistry is taught by class exercises. At the same time the students will also perform, in the chemical laboratory, a series of experiments fully illustrating the work of the class-room.

In the Junior year, there is given a complete course in qualitative and quantitative analysis by the gravimetric

method and in the third term a course in qualitative blow-pipe analysis.

In the Senior year the work will consist of Volumetric Analysis, theoretical and practical work in Organic Chemistry, and Crucible and Blow-pipe Assaying.

In the Classical and Latin-Scientific courses the work in Chemistry begins in the Junior year, in the second and third terms of which the course is in Theoretic and Descriptive Chemistry. This is followed in the Senior year by a complete course in qualitative and quantitative Analysis.

7.—Physics.

During the Sophomore year a general course of lectures delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, the Correlation and Conservation of Energy, Heat and Light.

The notes taken of the lectures in the class-room are required to be put into proper form and transcribed into a note-book. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations upon any subject lectured upon are held throughout the term. The percentage made at these examinations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determines the standing of the student in this subject.

Elective Physics.—Electricity and Magnetism, which have assumed such importance in modern times, have been selected for the course in Elective Physics, in the Junior year, to train students in the methods of physical enquiry and to introduce them into the knowledge of physical measurements. This is followed in the Senior year by laboratory work in the subjects Heat and Light. For this purpose a Physical Laboratory has been fitted up with convenient

tables for work. Complete sets of apparatus and measuring instruments have been provided for the use of students by the Board of Trustees, and through the liberality of Mrs. Dr. J. Dorman Steele the Laboratory and Physical Cabinet have been fully equipped with *standard* instruments of the most recent and improved pattern, constructed for the institution by the best makers abroad. The tool-room, furnished with lathes and planer and other necessary tools, provides the requisites for the setting up of apparatus and the making of such simple accessory apparatus as may be demanded by the course of lectures given. The subjects are treated by lectures, in which the theories are developed and instructions given for the successful performance of experiments in illustration of the fundamental facts of the science. The course in Physics is intended to enable those who may wish to teach this subject to acquire the skill necessary for successful experimentation and accuracy in physical measurements. Electricity and magnetism are treated with sufficient fullness to serve as a sound basis for those who desire to make electric engineering their profession.

8.—Spectroscopy.

A course in Spectrum Analysis, covering three terms, has been arranged for students making Physics, Chemistry and Astronomy their specialties. In the first term the solar spectrum will be studied, and the Fraunhofer lines will be plotted and used for reference lines in all future work. The flame spectra will then be observed, and after plotting any apparent coincidences of lines will be investigated by means of the comparison prism. The second term will be devoted to the study of spark spectra, using both solutions and metal electrodes, and in addition such gases as may be deemed advisable. This is followed in the Senior year by the study of the absorption spectra of solutions and their modifications by reagents. Attention will be also directed to the construction of the interpolation curve for the conversion of the readings of the dispersion spectrum into

wave lengths, the use of the diffraction grating and the direct determination of wave lengths.

9.—Biology and Geology.

The opportunities and facilities for work in this department have been considerably enlarged during the current year. Important additions have been made in apparatus and laboratory appointments. Among them may be mentioned: Six new compound microscopes (Leitz); latest model Reichert-Thoma microtome; new model Abbe camera lucida; high grade immersion lens; dissecting instruments, museum supplies, bacteriological appliances, glassware, etc.

Biology is required in all courses during the third term of the Sophomore year, and is introductory to the regular courses announced below. To students showing special aptness in the preliminary course there will be offered opportunity for continuous work along special lines during both the Junior and Senior years. This will be, in the main, practical laboratory study in the investigation of animal and plant structure and development.

Geology is required in each course during the second term of the Senior year, and is also elective during the following term. The elective course will comprise considerable practical field-work.

Methods of instruction will depend largely upon the nature of the subject. In Biology it will comprise lectures, laboratory determinations, quizzes and collateral reading. In Geology, Le Conte's Elements will constitute the basis of the courses, but this will be supplemented by such collateral work in the way of excursions, etc., as may be deemed helpful.

The following elective courses in Biology will be offered for the year 1892–3:

I. GENERAL ZOOLOGY: Laboratory work upon typical animal forms, with lectures upon general morphology and embryology.

II. SYSTEMATIC ZOOLOGY: Special courses in ornithology, or such other groups as may be elected by the student.

III. COMPARATIVE ANATOMY AND PHYSIOLOGY: A laboratory course specially designed as introductory to the study of medicine.

IV. OSTEOLOGY AND HISTOLOGY: This course will be given in connection with the preceding, and will comprise studies in comparative osteology, methods of preparing tissues for histological study, and detailed drill in microscopic technique.

V. EMBRYOLOGY: A detailed study of the life-history of some typical vertebrate, as an introduction to methods of modern embryological research.

VI. BACTERIOLOGY: A brief course introducing the student to the more prominent phases of this department of biological science, now so important in its economic and pathologic relations, will be offered to those prepared to enter upon it.

VII. BOTANY: This course will for the present be chiefly devoted to structural and physiological botany. A short course in systematic work is required during the Sophomore year.

Other courses will be offered as additional facilities may warrant and special demands necessitate.

The following text and reference books are used: Huxley and Martin's Biology; Sedgwick and Wilson's Biology; Brook's Invertebrate Zoology; Claus and Sedgwick's Zoology; Packard's Zoology; Colton's Zoology; Shafer's Histology; Martin's Human Body; Foster's Physiology; Foster and Langley's Practical Physiology; Whitman's Micro-

scopic Anatomy and Embryology; Balfour's Embryology; Jordan's Manual of Vertebrates; Ridgway's Manual of North American Birds; Gray's Manual of Botany; Gray's Text-book of Botany; Bessey's Botany; Sach's Botany. In addition to these, most of which are laboratory manuals, others are supplied by the department, and their use constitutes an important part of the work of each course.

10.—Esthetics.

Weekly lessons are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior year The appliances of the College of Fine Arts are employed to illustrate these lectures.

11.—Rhetoric, English Criticism, and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the course.

In English Criticism especial attention is given to punctuation and form; students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions by the printer. Instruction, with exercises, in the formation of Essay outlines is also made a prominent feature.

In Elocution, the aim is constantly toward natural rather than artificial methods of delivery. Throughout the course especial stress is laid upon distinctness of enunciation. In gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterwards modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard.

Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

All essays and orations are carefully revised by noting, in the margin, every principle of form or style there violated. The best of the Freshman and Sophomore essays are read in class, and the essays and orations of the Junior and Senior year are delivered in chapel. Selections are made from the Commencement orations for delivery at Commencement.

Early English—An elective course of one hour per week in each term of the Junior Year is provided in (1) History of the English Language, (2) Anglo-Saxon, (3) Early Engligh. The course is consecutive, and is intended to give the student a working knowledge of the origin of his native tongue.

12.—Philosophy and Pedagogy.

Psychology—Psychology is a required study occupying three hours a week during the entire Junior year. It is taught by text-book and lectures under the forms of

1. Empirical Psychology;
2. Rational Psychology—Logic;
3. Applied Psychology—Pedagogy.

During the first and second terms of the Junior year one hour additional to the above may be elected for the investigation and discussion of special topics in Psychology by the Seminary method.

Pedagogy—During the third term of both Junior and Senior years elective classes in Pedagogy are formed for the study of educational systems and methods. The study of Pedagogy has been introduced in order to meet the growing demands of such as purpose to make teaching their life work.

Ethics—Ethics is a required study during the first term of the Senior year. It is the aim by text-book, lecture and discussion to develop in the mind of the student clearer views of the foundation of moral obligation, the conscience

SCHEDULE OF WORK.

		English Criticism.	Elocution.	Essays and Orations.
Freshman Year.	First Term.	Clark's Practical Rhetoric, pp. 1-62 and 241-282.	The *Science* of Elocution, Phonology, and Physical Exercises.	Three Essays of from 500 to 600 words each.
	Second Term.	Practical Rhetoric, pp. 63-144 and pp. 283-298.	The *Art* of Elocution. Reading of Dickens's Christmas Carol.	Three Essays of from 500 to 600 words each.
	Third Term.	Practical Rhetoric, pp. 145-186.	Reading of Semi-Dramatic Selections.	Three Essays of from 500 to 600 words each.
Sophomore Year.	First Term.	Practical Rhetoric, pp. 187-240 and pp. 303-356.	Bacon's Manual of Gesture, with notes on Delsarte.	Three Essays of from 600 to 700 words each.
	Second Term.	Analysis of Prose Masterpieces.	Three Forensic Declamations.	No Essays required.
	Third Term.	Analysis of Prose Masterpieces.	Reading of Shakespeare, with notes on the Interpretation of his Characters. (*Elective.*)	Three Fssays of from 600 to 700 words each.
Junior Year.	First Term	Meiklejohn's History of the English Language, pp. 193-268.	Three Semi-Dramatic Declamations.	One Chapel Oration or Essay of from 700 to 800 words.
	Second Term.	Corson's Hand-Book of Anglo-Saxon and Early English.	Debates on Prescribed Questions, with References.	Same as first term.
	Third Term	Corson's Hand-Book of Anglo-Saxon and Early English.	Choice between Shakspearian Readings and Debating.	Same as first term.
Senior Year.	First Term.			One Oration or Essay of 800 words, delivered in the College Chapel.
	Second Term.			Same as first term.
	Third Term	Analysis of Poetic Masterpieces. (*Elective.*)		One Commencement Oration or Essay of 800 words.

and the moral law. Much attention is given to recent ethical discussion and the student is referred to and encouraged in collateral reading. A Thesis on some topic germane to the term's study is required from each.

History of Philosophy—The History of Philosophy is pursued during the second and third terms of the Senior year, occupying three hours a week.

Attention is mainly devoted to certain great representative names. Such as Bacon, Des Cartes, Spinoza, Locke, Leibnitz, Hume, Reid, Kant, Hegel, Hamilton and others. Lectures and written disquisitions are used as supplementary to the text-book.

Evidences of Christianity—During the last term of the Senior year five hours a week are given to recitations in the History and Philosophy of the Evidences of Christianity.

13.—History and Political Science.

History—The University calls attention to the fact that it is prepared to offer unusual facilities for graduate courses in European History to students who have command of the German and French languages. The presence here of the great library of the celebrated Von Ranke, opens to such students a vast quantity of the primary sources of European History.

The work planned below, as a whole, aims at a knowledge of the institutional life of the progressive Aryan Nations. Emphasis will be upon the origin and growth of ideas as the end and upon external events only as means. The following courses are planned with this end in view:

I. Medieval and Modern History. The purpose here is to organize the general movements of political, religious, educational, industrial and social institutions into an historical whole Material—Myer's Medieval and Modern History as an outline, readings in the library, and work with original matter.

II. From the Revival of Learning to the Treaty of Westphalia. This course has for its problem the origin and embodiment of the "Protestant Impulse" in political, religious, and Social Life. Material—Seebohm's Protestant Revolution and Gardiner's Thirty Years' War as outlines, readings in the library, and work with "fragments from the sources."

III. English History from the Tudors to William and Mary. This course aims, by mastering the leading phases of English life, to lay the foundation for an intelligent study of English and early American constitutional history. Material—Greene's Short History as an outline, readings in the library, and study of historical documents.

IV. English Constitutional History. The evolution of the English constitution is the thesis. Material—Creasy's Rise and Progress of the English Constitution as the outline, readings, and work with primary sources.

V. American Political and Constitutional History to 1789. Theme: Growth of the American Constitution out of English precedents, Colonial practice, and Revolutionary philosophy. Material—Outline lectures, readings, and work with primary sources.

VI. American Political History from 1789 to 1880. Theme: Rise of the Spirit of Nationality and its embodiment in political organizations, measures and customs. Material—Johnston's American Politics as an outline, reading, and work on original matter.

VII. American Historical Seminary. Purpose is to furnish the student the opportunity to investigate interesting topics, and to develop the method and spirit of historical research. Work with the sources.

VIII. French Revolution. A study of its causes and leading phases. Emphasis will be given to comparisons and contrasts with the English and American Revolutions.

Course I. is required. Course III. must precede course IV. Courses III. and IV. are recommended as a preparation for courses V. and VI. Courses V. and VI. must precede course VII. Courses III. and V. must be taken before course VIII.

Political Economy.—The general aim is to give insight into the nature of economic science, and to see its application in the business world. The following courses are offered for the present:

I. Elements of Economics. Material—Wayland-Chapin used as an outline, readings, and observation.

II. Finance. A study of money, with Jevon's Money and Mechanism of Exchange as the basis for discussions. Readings.

III. Economic Readings. This is a study of great authors and their systems.

These courses are all elective, and must be taken in the order given above.

II. From the Revival of Learning to the Treaty of Westphalia. This course has for its problem the origin and embodiment of the "Protestant Impulse" in political, religious, and Social Life. Material—Seebohm's Protestant Revolution and Gardiner's Thirty Years' War as outlines, readings in the library, and work with "fragments from the sources."

III. English History from the Tudors to William and Mary. This course aims, by mastering the leading phases of English life, to lay the foundation for an intelligent study of English and early American constitutional history. Material—Greene's Short History as an outline, readings in the library, and study of historical documents.

IV. English Constitutional History. The evolution of the English constitution is the thesis. Material—Creasy's Rise and Progress of the English Constitution as the outline, readings, and work with primary sources.

V. American Political and Constitutional History to 1789. Theme: Growth of the American Constitution out of English precedents, Colonial practice, and Revolutionary philosophy. Material—Outline lectures, readings, and work with primary sources.

VI. American Political History from 1789 to 1880. Theme: Rise of the Spirit of Nationality and its embodiment in political organizations, measures and customs. Material—Johnston's American Politics as an outline, reading, and work on original matter.

VII. American Historical Seminary. Purpose is to furnish the student the opportunity to investigate interesting topics, and to develop the method and spirit of historical research. Work with the sources.

VIII. French Revolution. A study of its causes and leading phases. Emphasis will be given to comparisons and contrasts with the English and American Revolutions.

Course I. is required. Course III. must precede course IV. Courses III. and IV. are recommended as a preparation for courses V. and VI. Courses V. and VI. must precede course VII. Courses III. and V. must be taken before course VIII.

Political Economy.—The general aim is to give insight into the nature of economic science, and to see its application in the business world. The following courses are offered for the present:

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III. Economic Readings. This is a study of great authors and their systems.

These courses are all elective, and must be taken in the order given above.

PARALLEL COURSES OF STUDY.

NOTE.— Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective; but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

FRESHMAN YEAR.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE. See note on the Science Course.
FIRST TERM.	Algebra, 4 English Literature, 3. Latin, 4. Greek, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. English Literature, 3. Latin, 4. German, 3 English Criticism, 1. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3. French, 2. Free Hand Drawing, 2. English Literature, 3. English Criticism, 1.
SECOND TERM.	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3. French 2. Free Hand Drawing, 2. English Literature, 3. English Criticism, 1.
THIRD TERM.	Geometry, 5. Latin, 3. Greek, 5. English Criticism, 1. Elocution, 1	Geometry, 5. Latin, 3. German, 5. English Criticism, 1. Elocution, 1.	Geometry, 5. Introductory Chemistry, 2. German, 5. French, 2. Mechanical Drafting, 2. English Criticism, 1.

SOPHOMORE YEAR.

First Term.	Second Term.	Third Term.
Trigonometry, 4.	Trigonometry, 4.	Trigonometry, 4.
Medieval History, 2.	Medieval History, 2.	Physics, 3.
German, 3.	German, 3.	Chemistry, 3.
Physics, 3.	Physics, 3.	German, 3.
Greek, 3.	Free Hand Drawing, 2.	Perspective Drawing, 3.
English Criticism, 1.	English Criticism, 1.	
Elocution, 1.	Elocution, 1.	
Analytic Geometry, 4.	Analytic Geometry, 4.	Analytic Geometry, 4.
Medieval and Modern History, 3.	Medieval and Modern History, 3.	Physics, 3.
German, 3.	German, 3.	Chemistry, 3.
Physics, 3.	Physics, 3.	German, 3.
Latin, 3.	Latin, 3.	Perspective Drawing, 3.
English Criticism, 1.	English Criticism, 1.	
Elocution, 1.	Elocution, 1.	
Biology, 3.	Biology, 3.	Calculus, 4.
Calculus, 4.	Calculus, 4.	Surveying, 3.
Modern History, 2.	Modern History, 2.	Physics, 3.
German, 4.	German, 3.	Biology, 3.
Greek, 3.	English Criticism, 1.	German, 3.
English Criticism, 1.	Elocution, 1.	
Elocution, 1.	*Surveying*, 3.	
Surveying, 3.		

JUNIOR YEAR.

First Term.	French, 3. Latin, 3. Elocution, 1. Empirical Psychology, 3. *Empirical Psychology—Seminary*, 1. *Calculus*, 4. *Physics*, 3. *Botany or Zoology*, 3. *Hist. Reformation and 30 yrs. war*, 3. *German*, 3. *Hebrew*, 2. *Free Hand Drawing*, 2.	French, 3. Latin, 3. Elocution, 1. Empirical Psychology, 3. *Empirical Psychology—Seminary*, 1. *Calculus*, 4. *Physics*, 3. *Botany or Zoology*, 3. *Hist. Reformation and 30 yrs. war*, 3.	1 French, 4. 2 *Calculus*, 4. 3 *Physics* (*Statical Electricity*, 3. 4 *Analytic Chemistry*, (*Gravimetric*), 3. 5 *Botany*, (*Structural*), 3. 6 *Zoology*, (*Invertebrates*), 3. 7 *Spectrum Analysis*, 2. 8 *Medieval History*, 2. 9 *Empirical Psychology*, 3+1.
Second Term.	French, 3. Astronomy, 4. Chemistry, 2. Elocution, 1. Rational Pyschology—Logic, 3. *Rational Psychology—Seminary* 1. *Latin*, 3. *English History*, 1509–1688, 3. *Physics*, 3. *Zoology*, 3. *German*, 3. *Hebrew*, 2. *Greek Comedy*, 3.	French, 3. Astronomy, 4. Chemistry, 2. Elocution, 1. Rational Psychology—Logic, 3. *Rational Psychology—Seminary*, 1. *Latin*, 3. *English History*, 1509–1688, 3. *Physics*, 3. *Zoology*, 3.	1 French, 3. 2 General Astronomy, 4. 3 *Physics*, (*Magnetism*), 3. 4 *Analytic Chemistry*, (*Gravimetric*), 3. 5 *Zoology*, (*Vertebrates*), 3. 6 *Spectrum Analysis*, 2. 7 *Medieval and Modern History*, 3. 8 *Rational Psychology—Logic*, 3+1.
Third Term.	French, 3. Chemistry, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *Applied Psychology—Pedagogy*, 4. *Const. History of England*, 3. *Early English*, 1. *Zoology*, 3. *Spherical and Practical Astronomy*, 2. *German*, 3. *Hebrew*, 2.	French, 3. Chemistry, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *Applied Psychology—Pedagogy*, 4. *Const. History of England*, 3. *Early English*, 1. *Zoology*, 3. *Spherical and Practical Astronomy*, 2.	1 French, 2. 2 *Mechanics*, 5. 3 *Physics* (*Dynamical Electricity*), 3. 4 *Analytic Chemistry*, (*Gravimetric*), 3. 5 *Blow-pipe Analysis*, 1. 6 *Systematic Zoology*, 3. 7 *Embryology*, 3. 8 *Spherical and Practical Astronomy*, 2. 9 *Modern History*, 2. 10 *Pedagogy*, 4. 11 *Special Morphology*, 2.

SENIOR YEAR.

First Term.	Ethics, 4. *Political Economy*, 3 *Polit. and Const. History of America to* 1789, 3. *Esthetics*, 1. *French Literature*, 2. *Roman Literature*, 2. *Analytic Chemistry*, 3. *Zoology*, 3 *Mineralogy*, 2. *Spherical and Practical Astronomy*, 2. *Greek Testament*, 3.	Ethics, 4. *Political Economy*, 3. *Polit. and Const. History of America to* 1789, 3. *Esthetics*, 1. *French Literature*, 2. *Roman Literature*, 2. *Analytic Chemistry*, 3. *Zoology* 3. *Mineralogy*, 2. *Spherical and Practical Astronomy*, 2.	1 Ethics, 4. 2 *Physics, (Heat, Light)*, 2. 3 *Crystallography and Mineralogy*, 2. 4 *Volumetric Analysis*, 2. 5 *Organic Chemistry*, 2. 6 *Comparative Anatomy and Physiology*, 2. 7 *Spherical and Practical Astronomy*, 2. 8 *Political and Constitutional History of America to* 1789, 3. 9 *Political Economy*, 3.
Second Term.	History of Philosophy, 3. English Literature, 4. Geology, 2. *Political Economy—Finance*, 2. *Political History of America*, 1789–1880, 3. *Art History*, 1. *French Literature*, 2. *German Literature*, 2. *Analytic Chemistry*, 3. *Physical Astronomy*, 2. *Bible History and Ethics*, 3. *Greek Tragedy*, 3.	History of Philosophy, 3. English Literature, 4. Geology, 2. *Political Economy—Finance*, 2. *Political History of America*, 1789–1880, 3. *Art History*, 1. *French Literature*, 2. *German Literature*, 2. *Analytical Chemistry*, 3. *Physical Astronomy*, 2. *Bible History and Ethics*, 3.	1 History of Philosophy, 3. 2 Geology, 2. 3 *Crucible and Blow-pipe Assaying*, 2. 4 *Comparative Anatomy and Physiology*, 2. 5 *Spectroscopy*, 2. 6 *Physical Astronomy*, 2. 7 *Political History of U. S.*, 1789–1880, 3. 8 *Political Economy—Finance*, 2. 9 *Histology*, 2.
Third Term.	History of Philosophy, 3. Evidences of Christianity, 5. *Political Economy—Readings*, 2. *American History—Seminary*, 2. *Art History*, 1. *French Revolution*, 2. *Pedagogy*, 4. *French Literature*, 2. *German Literature*, 2. *Geology*. 2. *Analytic Chemistry*, 2. *Rhetoric*, 2.	History of Philosophy, 3. Evidences of Christianity, 5. *Political Economy—Readings*, 2. *American History—Seminary*, 2. *Art History*, 1. *French Revolution*, 2. *Pedagogy*, 4. *French Literature*, 2. *German Literature*, 2. *Geology*, 2. *Analytic Chemistry*, 2. *Rhetoric*, 2.	Laboratory Work and Thesis. *Geology*, 2. *Bacteriology*, 2.

NOTE ON THE SCIENCE COURSE.—Students in the Science Course will at the beginning of the Junior year elect one of the groups A, B, C, D, &c., as indicated in the following schedule, and pursue it to the end of his course. The numerals refer to the corresponding subjects as numbered in that course.

	A	B	C	D	E	F	G
Junior—First term	1, 2, 3, 4, 9.	1, 2, 3, 4, 8.	1, 5, 6, 8, 9.	1, 4, 5, 6, 9.	1, 4, 5, 6, 7, 8.	1, 2, 3, 8, 9.	1, 2, 3, 4, 7.
Second term	1, 2, 3, 4, 8.	1, 2, 3, 4, 7.	1, 2, 5, 7, 8.	1, 2, 4, 5, 8.	1, 2, 4, 5, 6, 7.	1, 2; 3, 7, 8.	1, 2, 3, 4, 6.
Third term	1, 2, 3, 4, 10	1, 2, 3, 4, 5, 9.	1, 6, 7, 9, 10, 11.	1, 4, 5, 6, 7, 10.	1, 4, 5, 6, 7, 9, 11.	1, 2, 3, 5, 9, 10.	1, 2, 3, 4, 5, 8.
Senior—First term	1, 2, 3, 4, 5, 9.	1, 2, 4, 5, 8, 9.	1, 5, 6, 8, 9	1, 3, 4, 5, 6, 9.	1, 4, 5, 6, 8, 9.	1, 2, 3, 5, 8, 9.	1, 2, 3, 4, 5, 7, 8.
Second term	1, 2, 3, 6, 7, 8.	1, 2, 3, 6, 7, 8.	1, 2, 4, 6, 7, 8.	1, 2, 3, 4, 6, 8, 9.	1, 2, 3, 4, 7, 8	1, 2, 3, 6, 7, 8.	1, 2, 3, 5, 6, 7.

In the Third term, Laboratory work and a Thesis are required in each group and the student may elect in addition *Geology*, 2. *Bacteriology*, 2.

tables for work. Complete sets of apparatus and measuring instruments have been provided for the use of students by the Board of Trustees, and through the liberality of Mrs. Dr. J. Dorman Steele the Laboratory and Physical Cabinet have been fully equipped with *standard* instruments of the most recent and improved pattern, constructed for the institution by the best makers abroad. The tool-room, furnished with lathes and planer and other necessary tools, provides the requisites for the setting up of apparatus and the making of such simple accessory apparatus as may be demanded by the course of lectures given. The subjects are treated by lectures, in which the theories are developed and instructions given for the successful performance of experiments in illustration of the fundamental facts of the science. The course in Physics is intended to enable those who may wish to teach this subject to acquire the skill necessary for successful experimentation and accuracy in physical measurements. Electricity and magnetism are treated with sufficient fullness to serve as a sound basis for those who desire to make electric engineering their profession.

8.—Spectroscopy.

A course in Spectrum Analysis, covering three terms, has been arranged for students making Physics, Chemistry and Astronomy their specialties. In the first term the solar spectrum will be studied, and the Fraunhofer lines will be plotted and used for reference lines in all future work. The flame spectra will then be observed, and after plotting any apparent coincidences of lines will be investigated by means of the comparison prism. The second term will be devoted to the study of spark spectra, using both solutions and metal electrodes, and in addition such gases as may be deemed advisable. This is followed in the Senior year by the study of the absorption spectra of solutions and their modifications by reagents. Attention will be also directed to the construction of the interpolation curve for the conversion of the readings of the dispersion spectrum into

wave lengths, the use of the diffraction grating and the direct determination of wave lengths.

9.—Biology and Geology.

The opportunities and facilities for work in this department have been considerably enlarged during the current year. Important additions have been made in apparatus and laboratory appointments. Among them may be mentioned: Six new compound microscopes (Leitz); latest model Reichert-Thoma microtome; new model Abbe camera lucida; high grade immersion lens; dissecting instruments, museum supplies, bacteriological appliances, glassware, etc.

Biology is required in all courses during the third term of the Sophomore year, and is introductory to the regular courses announced below. To students showing special aptness in the preliminary course there will be offered opportunity for continuous work along special lines during both the Junior and Senior years. This will be, in the main, practical laboratory study in the investigation of animal and plant structure and development.

Geology is required in each course during the second term of the Senior year, and is also elective during the following term. The elective course will comprise considerable practical field-work.

Methods of instruction will depend largely upon the nature of the subject. In Biology it will comprise lectures, laboratory determinations, quizzes and collateral reading. In Geology, Le Conte's Elements will constitute the basis of the courses, but this will be supplemented by such collateral work in the way of excursions, etc., as may be deemed helpful.

The following elective courses in Biology will be offered for the year 1892–3:

I. GENERAL ZOOLOGY: Laboratory work upon typical animal forms, with lectures upon general morphology and embryology.

II. SYSTEMATIC ZOOLOGY: Special courses in ornithology, or such other groups as may be elected by the student.

III. COMPARATIVE ANATOMY AND PHYSIOLOGY: A laboratory course specially designed as introductory to the study of medicine.

IV. OSTEOLOGY AND HISTOLOGY: This course will be given in connection with the preceding, and will comprise studies in comparative osteology, methods of preparing tissues for histological study, and detailed drill in microscopic technique.

V. EMBRYOLOGY: A detailed study of the life-history of some typical vertebrate, as an introduction to methods of modern embryological research.

VI. BACTERIOLOGY: A brief course introducing the student to the more prominent phases of this department of biological science, now so important in its economic and pathologic relations, will be offered to those prepared to enter upon it.

VII. BOTANY: This course will for the present be chiefly devoted to structural and physiological botany. A short course in systematic work is required during the Sophomore year.

Other courses will be offered as additional facilities may warrant and special demands necessitate.

The following text and reference books are used: Huxley and Martin's Biology; Sedgwick and Wilson's Biology; Brook's Invertebrate Zoology; Claus and Sedgwick's Zoology; Packard's Zoology; Colton's Zoology; Shafer's Histology; Martin's Human Body; Foster's Physiology; Foster and Langley's Practical Physiology; Whitman's Micro-

scopic Anatomy and Embryology; Balfour's Embryology; Jordan's Manual of Vertebrates; Ridgway's Manual of North American Birds; Gray's Manual of Botany; Gray's Text-book of Botany; Bessey's Botany; Sach's Botany. In addition to these, most of which are laboratory manuals, others are supplied by the department, and their use constitutes an important part of the work of each course.

10.—Esthetics.

Weekly lessons are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior year The appliances of the College of Fine Arts are employed to illustrate these lectures.

11.—Rhetoric, English Criticism, and Elocution.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the course.

In English Criticism especial attention is given to punctuation and form; students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions by the printer. Instruction, with exercises, in the formation of Essay outlines is also made a prominent feature.

In Elocution, the aim is constantly toward natural rather than artificial methods of delivery. Throughout the course especial stress is laid upon distinctness of enunciation. In gesture, the English system, as originally enunciated in Austin's Cheironomia, and afterwards modified by Bacon, is taught, together with the elements of the Delsarte Philosophy of expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 10. Free Hand Drawing, 10. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 5. Water Color Painting, 10. Trigonometry, 4. German, 3. Medieval History, 2.	Architectural Drafting, 10. Free Hand Drawing, 10. French, 4. Esthetics, 1. Physics, 3.	Architectnral Drafting, 10. Drawing from Casts, 6. Lectures on Art, 3. Modeling, 4. Strength and Use of Materials, 5. Two Essays on Art.
SECOND TERM.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 8. Water Color Painting, 10. Analytical Geometry, 4. German, 3. Modern History, 3.	Architectural Drafting, 10. Descriptive Geometry, 4. Etching, 1. Artistic Anatomy, 5. History of Art, 1. French, 3 Physics, 3.	Architectural Drafting, 10. Drawing from Life, 4. Lectures on Art, 3. Heating and Ventilation, 2. Masonry Construction, 5. Two Essays on Art.
THIRD TERM.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Geometry, 4 Ancient History, 2.	Architectural Drafting, 5. Modeling, 10. Calculus, 4. German, 5. Modern History, 2.	Architectural Drafting, 10. Drawing from Nature, 6. History of Art, 1. French, 2. Trusses and Roofs, 3. Botanical Drawing, 4.	Lectures on Art, 3. Sanitation, 3. Contracts and Specifications, 2 Graduating Piece. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 10 Drawing from the Flat, 10. Italian, 2. English Criticism, 1. Elocution, 1.	Water Color Painting, 10. Drawing from Casts, 4 Drawing from Nature, 6. Medieval History, 2. German, 3.	Oil Painting, 10. Drawing from Casts, 12. Esthetics, 1. French, 4.	Oil Painting, Landscape, 10. Drawing from Nature, 10. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. German Language, 3. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 10. Drawing from Solids, 10. Italian, 2. English Criticism, 1. Elocution, 1	Water Color Painting, 10. Artistic Anatomy, 10. Modern History, 3. German, 3.	Oil Painting, 10. Drawing from Casts, 4. Etching, 6. History of Fine Arts in Outline, 1. English Literature, 3. French, 3.	Oil Painting, Figure, 10. Drawing from Life, 10. Decorative Art, 6. History and Styles of Engraving, 1. History of Sculpture, 1. Two Essays on Art
THIRD TERM	Linear Perspective, Shades and Shadows, 10. Drawing from Casts, 4. Drawing from Nature, 6. Botanical Drawing, 6. Ancient History, 2.	Water Color Painting, 10. Modeling, 10 Modern History, 2. German, 5.	Oil Painting, 10. Drawing from Life, 10. Modeling, 4. History of Fine Arts in Outline, 1. French, 2.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2 Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Mus. Theory, Melodies, 2. History of Music, 1. Recital, 1. Medieval History, 2. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Musical Theory, Inharmon- Recital, 1. [ics, 2. French, 4.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, Quartet Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Polyphonic Recital, 1. [forms, 2. German, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. Modern History, 3. German, 3.	Piano, 2 Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Figuration, 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Ensemble Playing, 1. Organ, 1. Musical Theory, Higher Recital, 1. [forms, 2. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Musical Theory, Modula- Recital, 1. [tion, 2. German, 5.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Homophonic Recital, 1. [forms, 2. French, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Ensemble Playing, 1. Organ, 1. Musical Theory, Higher Recital, 1. [forms, 1. History of the Fine Arts, 1. Encyclopedia of Mus. Lit., 1. Graduating Thesis.

Departments of Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, history, and practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to students who desire to pursue studies related to the Fine Arts other than those included in the course of this college.

The professors are practical workers in their several departments. The students will have access to their studios and offices, and will have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop talent in such a way that each student shall retain his individuality of character and manner, and not to shape all by any arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for securing freedom and precision in executing designs. It is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series used in the art schools of England, France

and Germany. These include a great variety of subjects such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical compositions, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original designs is introduced in such variety, sequence and extent as is adapted to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawings.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing up contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such order as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its relations to Architecture, and Landscape Gardening.

Oil Painting.

As by far the larger portion of modern painters devote themselves chiefly to painting in oil, much more time is appropriated to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in

part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are free to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, or to divide their time among several branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making molds and casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To some extent this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than Etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught to print etchings, with an excellent press.

Esthetics.

Instruction is given by lectures in the general principles of the science of Esthetics, which is the foundation of all the Fine Arts. The principles of Art Criticism that apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts, in which are traced the leading features of the Fine Arts as a whole, and the relation they have held to other elements of civilization. Courses of lectures are also given upon the history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their relation to ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of the Christian Doctrine in the Fine Arts, and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior Year each student is required to present two essays of not less than six hundred words each, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and

America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent, other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. The Leavenworth-Wolffe collection of engravings, containing 12,000 sheets, is a valuable contribution to the Art treasures of the University.

Graduating Pieces.

Every candidate for graduation in the Course of Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Painting is in like manner required of every graduate in the Course of Painting.

Department of Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

The piano is adopted as the basis of study, and will be required of every regular student, at least during the Freshman year.

Students desiring to make a specialty of the violin, or other solo instruments, except the organ, may discontinue the piano after the Freshman year.

Students making a specialty of the organ or the voice may discontinue the piano after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the Course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of Music, and which also have a relation to general liberal culture. These are physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The study of musical theory is required of all regular students during the entire course.

The Piano.

Lessons on the piano are given in small classes with such other helps as are deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.--This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, or Koehler's Practical Piano School is used. Also studies by Loeschhorn, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Lebert & Stark, Books I and II; Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn; Duvernoy op. 120; Burgmueller op 100; Koehler's Progressive Studies, and easy pieces by Gurlitt, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE.—To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Lebert & Stark, Books II and III; Heller op. 47; Czerny, School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op. 2; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore Year. Lebert & Stark, Book III; Heller op. 45 and 46; Czerny op. 740, Books I and II; Bach 2 and 3 voiced Inventions; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without words; Chopin's Mazurkas and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramer's Studies (Von Bulow); Heller's Art of Phrasing; Clementi, Gradus ad Parnassum; Bach, Preludes and Fugues; Moscheles op. 70; Czerny, Fingerfertigkeit, Books III and IV; Kullak and Loeschhorn,

Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schu mann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein, Saint Saens and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Fred. David, op. 45 or 1st part of Gradus and Pernassum, by Jacques Dont; and by easy solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practical. Selections from the following are made according to the ability of the student: Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School: Scales in three Octaves, by Hullweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cra-

mer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for and supplementing the study of the Organ, the student will devote the Freshman and Sophomore years to the study of the Piano.

Ritter's Art of Organ Playing will be used, together with Schneider's Pedal Studies, the Fugues of Bach, Sonatas of Mendelssohn, Merkel, Rheinberger, Guilmant and other standard compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The one in the University Chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

Cultivation of the Voice.

In this department great care has been exercised in selecting a method of voice training which promises the best possible results. The methods in use, both in this country and Europe, have been investigated and that one adopted which has produced many of the greatest artists of this generation, and which is held in the greatest favor by competent authorities.

The complete works of Madame Marchesi form the basis of instruction. In addition to English ballads and church music, the student is trained in Italian, German and French songs and selections from oratorios and operas.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which each student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of music, embracing Harmony, Counter point, and the smaller and larger Musical Forms, is taught in classes.

Goetschius' "Materials of Musical Compositions" is used. The course of study is theoretical, practical, and analytical. Abundant illustrations and explanations upon the piano and at the blackboard are given.

History of Music.

Lectures are given upon the history of music during the Sophomore year, supplemented by frequent lectures upon musical topics, of which the students will be required to make digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument as are qualified to take part in it.

Professional Concerts.

Piano forte and organ recitals and other professional concerts are frequently given by members of the Faculty, and other artists, to which all the students have free admission.

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

HENRY D. DIDAMA, M. D., LL. D., DEAN.
Professor of Science and Art of Medicine and Clinical Medicine.

NELSON NIVISON, M D.,
Emeritus Professor of Physiology and Hygiene.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D.,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Anatomy.

WM. H. DUNLAP, M. D., REGISTRAR,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., TREASURER,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D., LIBRARIAN,
Professor of Ophthalmology and Otology.

NATHAN R. JACOBSON, M. D.,
Professor of Laryngology and Clinical Surgery.

AARON B. MILLER, M. D.,
Professor of Gynæcology.

CEYLON H. LEWIS,
Lecturer on Forensic Medicine.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases

SCOTT OWEN, M. D.,
Lecturer on Anatomy.

REUBEN C. HANCHETT, M. D.,
Lecturer on Materia Medica.

FRED W. SEARS, M. D.,
Lecturer on Histology.

HENRY H. PEASE, M. D.,
Demonstrator of Anatomy.

GEORGE M. PRICE, M. D.,
Assistant Demonstrator of Anatomy.

FRANK B. BROOKS, M. D.,
Instructor in Physiology.

WILLIAM A. CURTIN, M. D,
Instructor in Physiology,

BUILDINGS, LIBRARIES, ETC.

The Medical College occupies three brick buildings, eligibly located on Orange street, near the centre of the city, and convenient to the Hospitals and Dispensary. Two of these contain the various lecture rooms, the histological and pathological laboratories, library, museums, etc. The amphitheater is well lighted and heated, and furnished with all necessary appliances for properly presenting the various subjects of lectures and demonstrations. All the lecture and recitation rooms have additional apartments connected with them, in which special dissections are made and the various preparations arranged for use in the classes.

In the rear of these two buildings is a third, containing the chemical labratory and dissecting room, both of which are well lighted and ventilated, and so arranged as to afford every advantage to the student for practical work in these departments.

LIBRARIES.

The Library of the Geneva College of Medicine, with the additions which have since been made to it, is at the service of students. This, with the Von Ranke library, the greatest library of the University, and the public library of Syracuse, offer ample scope for reading and reference in the allied sciences.

COURSE OF INSTRUCTION.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting rooms, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology, Materia Medica and Applied Anatomy.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Therapeutics, Surgery, Practice and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Ophthalmology, Dermatology and Clinics.

All First Year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both terms. Students of the Second Year take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy.

TREATMENT OF SUBJECTS.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample convenience of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been able to secure an abundance of anatomical material.

PHYSIOLOGY.—This branch is taught by recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demostrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses, and reproduction. Little time is given to theories, but physiological facts are carefully studied, and actual functions demonstrated when possible.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction in-

cludes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by personal experiment. Medical chemistry and toxicology are taken up in the second year, and the subject of urinary analysis and detection of poisons thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures are given, and in accordance with the practice in every other department, an entire hour is devoted to a careful oral or written examination.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city, where Senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering here open a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the state. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in surgical operations.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observ-

ing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, and how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, where, with the additions that are from time to time being made, it serves as an important means of instruction.

OPHTHALMOLOGY AND OTOLOGY.—The course of instruction in Ophthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class are required to examine and diagnose the cases.

Special attention is directed to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class in diseases of the skin, combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great centers of

the country. St. Joseph's Hospital containing one hundred and three beds, and the House of the Good Shepherd with forty-five beds, constantly furnish abundant material for the medical and surgical clinics. At these hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity is given to all members of the class to examine and study them personally.

The new maternity Hospital and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are improved.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY—Quain	Gray, Weisse, Holden.
PHYSIOLOGY. { Foster, first year. Landois & Sterling, first ed., second year	Kirke, Flint.
CHEMISTRY—Attfield, Tyson	Richter, Fownes.
SCIENCE AND ART OF MEDICINE—Flint	Roberts, Bartholow, Loomis, Strumpel, Pepper's System.
SURGERY—Holmes	International Encyclopedia of Surgery.
MATERIA MED. AND THER.—H. C. Wood.	Bartholow, Brunton, Ringer, Hare.
OBSTETRICS—Lusk	Playfair, Galabin.
GYNÆCOLOGY—Thomas	Skene.
DISEASES OF CHILDREN—J. Lewis Smith.	Meigs & Pepper, Goodhart, Money.
HISTOLOGY—Satterthwaite	Klein & Smith, Atlas of Histology
PATHOLOGY—Green	Ziegler, Cornil & Ranvier, Wagner.
HYGIENE—George H. Rohe	Parkes, Buck, Richardson.
OPHTHALMOLOGY—Nettleship	Schmidt, Rumpler & Noyes.
OTOLOGY—Roosa	Politzer.
DERMATOLOGY—Duhring	Fox, Bulkley, Kaposi.
CLINICAL MEDICINE	Da Costa.

THE COLLEGE YEAR

begins on the first Tuesday in October, and ends on the second Tuesday in June. It is divided into two terms, about equal in length.

There are two vacations, one of a little more than one week at the holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

The law recently passed by the Legislature in regard to the preliminary education of medical students has obviated the necessity for any examination by the Faculty in the common English branches and Natural Philosophy.

A copy of the state law with the equivalents and qualifications accepted by the Regents in lieu of examination, together with other important facts, may be obtained on application to the Registrar of the College of Medicine.

Those intending to begin the study of medicine are advised to apply to the "Examinations department, University of the State of New York" at Albany, for full information concerning this examination.

In addition to the state examination all students who enter the College of Medicine with the intention of taking the degree of M. D., will be examined in the following subjects:

(*a.*) *Algebra, through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(*b.*) *Geometry:* First Book of Wentworth's Elements of Geometry, or its equivalent.

(*c.*) *Latin:* The translation of a passage selected from one of the first four books of *Cæsar's Commentaries*, and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

Graduates of recognized Colleges, Scientific Schools, Academies or like institutions, or those who are able to pre-

sent certificates from such institutions, certifying to their proficiency in the preliminary studies in sections *a*, *b* and *c*, will not be examined in these studies. Regent's certificates are accepted for the studies which they cover. Candidates who pass all requirements for entrance are admitted unconditionally.

Those who fail in two subjects are admitted conditionally.

Candidates who are conditioned are allowed to enter the classes with the other students, but conditions on entrance examinations must be passed within one year. The examination of students so conditioned will be held on the first Tuesday after the March vacation and the first Tuesday in October. The entrance examinations are held at the College on the first Tuesday in October, at 2 o'clock P. M.

Arrangements have been made by which candidates not prepared in Latin will receive instruction in this language, without extra expense and without interfering with their medical studies.

EXAMINATIONS.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. Examinations are held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The First Year examinations in Histology, Botany and General Chemistry, and the Second Year examinations in Anatomy, Physiology, Medical Chemistry and Materia Medica, are final if successful. Special examinations, when ordered by the faculty, may be held at any time to determine the standing of students who enter after the beginning of either term, but private examinations for promotions to higher grades, are not permitted.

The above examinations are in writing and the student is expected to attain a high standard of proficiency. In addition to these examinations, candidates for the degree are examined orally by a board of Censors appointed by the State Medical Society, the Central New York Medical Association, and the County Medical Society.

Students who have already pursued the study of medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the Second Year will be examined on the bones, joints and muscles in Anatomy; on Nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; all the elements of Histology, presenting thirty different objects prepared and mounted by themselves; and on the principles of Botany.

The above rules apply only to those who intend to take a full course in Medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examination of the first, second and third years.

Official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination.

PRIZES.

Two prizes are conferred annually by the College; the first is given to that student who has the highest average

general grade for the entire three years of study; the second to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, W. H. Dunlap, M. D., Syracuse, N. Y.

Degrees Conferred by the University

IN 1891.

Doctor of Laws.

Hon. Warner Miller, - - - - - - Herkimer.

Doctor of Divinity.

Rev. Edward N. Packard, - - - - - Syracuse.
Rev. John W. Thompson, - - - - - Troy.
Rev. Carlton C. Wilbor, Ph. D., - - - - Elmira

Doctor of Philosophy.

[ON EXAMINATION.]

Rev Saul O. Curtice, A. M., Port Chester, - - Ethics.
Rev. Wm. M. Jones, A. M., Minneapolis, Minn., Christian Evidences.
Rev. Benj. F. Kidder, A. M., New York, " "
Pr f. Rudolph F. Klenner, A. M , Chester, Pa., - -
- - - - - German Language and Literature.
Prof. James P. Stephenson, A. M., Des Moines, Iowa, - Ethics.
Rev. Eugene Wiseman, A. M., Round Lake, - English Literature.
Rev. Isaac L. Wood, A. M., Zion, Md. - Christian Evidences.

Master of Arts.

Mary Ethel Abbott, *in cursu*, Frank Giles Banister, *in cursu*,
Thomas C. Blaisdell, " Arthur Carey Connelly, "
Milton N. Frantz, " Edward Emory Hill, "
Newell E. Hulbert, " George H. Maxwell, "
Lyman C. Pierce, " Wesley Amos Pratt, "
Cornelius C. Scott, " Emily Beaman Wooden, "
Daniel D. Van Allen, A. M., (Alfred Univ.) *ad eundem*.

[ON EXAMINATION.]

Saul O. Curtice, A. B., Port Chester, - - - Ethics.
Wm. M. Jones, A. B., Minneapolis, Minn., - English Literature.
Benj. F. Kidder, A. B., New York, Christian Evidences.
Rudolph F. Klenner, Chester, Pa., French Language and Literature.
Albert C. Loucks, A. B., Malone, - - Christian Evidences.
Henry A. Peck, A. B., Syracuse, - - - Mathematics.
James P. Stephenson, A. B., Des Moines, Iowa, - - Ethics.
Eugene Wiseman, A. B., Round Lake, - English Literature.

Master of Philosophy.

Mary Frances Call, *in cursu*, Harry G. Rowland, *in cursu*,
William George W. Schmidt, *in cursu*.

[ON EXAMINATION.]

Almon Witter Greenman, B. Ph., Montevideo, Spanish Language and Literature.

Master of Science.

Mary Brown Moore, *in cursu*.

Master of Architecture.

Arthur B. Clark.

Bachelor of Arts.

John Veranus Brownell,
Ellen Adersa Corse,
*Paul Fitz Gerald,
John Augustus Hamilton,
*William Hosmer Ives,
*Frank Lincoln Mead,
William Edward Palmer,
George Fletcher Shepherd,
*Charles Wesley Tooke,
Olin Sylvanus Twist,
*Harriet May Budd,
John C. Culligan,
*Frank William Goreth,
*Grace Seely Hiller,
Van Evrie Kilpatrick,
David Casler Monro,
*Bertha Sabin Sawyer,
*Lillie Scoresby Smith,
*Frank David Torrey,
Abbott Yates Wilcox,
*Frank Hoyt Wood.

Cornelius C. Scott, A. B. (Univ. S. C.) *ad eundem.*

[Students in the College of Liberal Arts who attained in scholarship the rank of *First Grade* for the year 1890-91, are designated by a star.]

Bachelor of Philosophy.

Ida May Cooley,
Mary Sophia Loomis,
*Ada Belle Parker,
Edward Everett Samuel,
Adelaide Lynn Dicklow,
Francis Elliot Oliver,
*Joseph Reynolds,
*Charles Henry Wheeler,
Joseph William Young.

Bachelor of Science.

*Ella Lucinda Chapman,
Edward Devine,
Frank Stannard Husted,
Charles Carhart Cook,
*John Adrian Gardner,
Horace E. Stout,
*Masayoshi Takaki.

Bachelor of Painting.

Nellie Ruth Bainbridge,
Frances Hart Dunn,
Harriet Smith Mead,
Kate Elizabeth Miller,
Grace Edith Cagwin,
Zoe Worthington Fiske,
Harriet Maude Miller,
Florence Rose Worster.

Bachelor of Music.

Margaret May Clark,
Charles Winfred Douglas,
Lillian Blanche Root.

Doctor of Medicine.

Charles H. Benson,
Carlos V. J. Doolittle,
James H. Drumm.
George T. Head,
Adelbert W. Marsh, D. D. S.,
Elizabeth J. Palmer,
William B. Christopher,
William H. Dower,
Elizabeth C Gilkison,
Charles P. Lynch,
Luella M. Masters,
Frank J. Rupp,
Charles J. Walsh, B. S., (C. U.)

Students.

POST-GRADUATES.*

(*Candidates for Ph. D.*)

Prof. Isaac M. Agard, A. M., - Rockville, Conn.
Gertrude Allen, A. M., - - Albion, Mich.
Rev. George W. Andrews, A. B., - Dalton, Mass.
Rev. Amos A. Arthur, A. B., - - Bryn Mawr, Pa.
Rev. Wilbur F. Atchinson, A. B., - Desplaines, Ill.
Prof. Benjamin F. Austin, A. M., B. D., St. Thomas, Ont.
Rev. George A. Barrett, A. M., - Plattsburgh, N. Y.
Rev. Charles H. Bassett, A. B., Cleveland, "
Rev. Francis E. Beck, A. B., - - Du Bois, Pa.
Minnie M. Beebe, A. B., - Kingston, "
Prof. Anna L. Benham, B. Ph., - - Mansfield, "
Rev. John H. Bickford, A. B., - Rushville, Ind.
Prof. John D. Bigelow, A. M., - Moravia, N. Y.
Rev. Edwin A. Blake, A. M., - Brooklyn, "
Charles E. Boynton, B. S., M. D., Onondaga, "
Prof. Mary C. Bradford, B. Ph., - Rutland, Vt.
Prof. Charles C. Brill, A. M., - Northfield, "
Rev. William A. Broadhurst, B. Ph., Chippewa Falls, Wis.
William H. Brokenshire, A. B., - Mito, Japan.
Prof. William L. Bulkley, A. B., Orangeburg, S. C.
Prof. George G. Brower, B. S., - Lima, N. Y.
Rev. Robert Burns, B. Ph., - Washington, Ont.
William P. Cantwell, A. B., - Malone, N. Y.

*Note.—Candidates not reporting for three years will be deemed to have abandoned the course, and after this issue will be dropped from the list

Rev. Gustav A. Carstensen, A. M., - - Erie, Pa.
Prof. Henry E. Chapin, B. S., - Bloomsburgh, "
Rev. Solomon Cleaver, A. B., - Dundas, Ont.
Rev. Joseph G. Cleveland, A. B., - Tokyo, Japan.
Rev. Frank H. Coffran, A. B., - Worcester, N. Y.
Rev. William Colden, A. M., - - New York
Prof. Levi L. Conant, A. B., - Worcester, Mass.
Rev. Thomas R. Crooks, A. B., - Philadelphia, Pa.
Rev. William J. Crothers, A. B., Carlton Place, Ont.
Prof. Abial B. Davis, B. Ph., - Salamanca, N. Y.
Prof. Nicholas H. Davis, B. D., - Ness City, Kan.
William A. Deaton, A. B., - New Carlisle, O.
Prof. Stephen T. Dial, A. B., - - Lockland, "
Prof. Adelaide Lynn Dicklow, B. Ph., - Ottawa, Kan.
Rev. Clarence L. Diven, A. M., B. D., Plantsville, Conn.
Rev. Joseph O. Dobson, Ph. M., - Deadwood, Dak.
Prof. Charles R. Dryer, A. M., - Fort Wayne, Ind.
Rev. John W. Duffy, A. M., Orange Valley, N. J.
Prof. John G. Dunlop, A. B., - Hamamatsu, Japan.
Rev. Alfred H. Eaton, A. B., Green Island, N. Y.
Prof. Wilbert P. Ferguson, A. B., B. D., Mt. Pleasant, Ia.
Rev. Seymour C. Ferris, A. B., East Worcester, N. Y.
Prof. Anna A. Fisher, A. B., - - Denver, Col.
Rev. Oscar L. Fisher, A. M., - " "
Prof. Edward W. Flagg, A. M., - Potsdam, N. Y.
Prof. William Y. Foote, A. B., - Syracuse, "
Prof. Charles W. Foreman, M. S., Fort Edward, "
Rev. John L. Franklin, A. B., B. D., - Buffalo, "
Prof. Charles W. French, A. M., La Grange, Ill.
Prof. Abraham L. Gaines, A. B., B. D., Atlanta, Ga.
Rev. George Gaul, A. M., - - Columbia, Pa.
Rev. Matthew W. Gilbert, A. B., Nashville, Tenn.
Rev. Clark B. Gillette, A. M., - - Elmira, N. Y.
Rev. James Gosnell, A. B., - - Rochester, "
Sylvia F. Gosnell, A. B., - " "
Prof. William R. Granger, A. B., - Philadelphia, Pa.
Rev. Almon W. Greenman, B. Ph., Montevideo, S. America.

Rev. Amos E. Griffith, M. Ph., B. D., - Colfax, Iowa.
Rev. Edmund J. Gwynn, A. M., Belmont, N. Y.
Prof. Frederic A. Hall, A. M., - Springfield, Mo.
Prof. William E. Hamilton, A. M., - Indianola, Iowa.
Rev. Henry H. Harris, A. M., - Hinsdale, N. Y.
Prof. Samuel G. Harris, A. B., - Ovid, "
Rev. Johnson Henderson, A. B., - Pictou, N. S.
Rev. Joseph D. Herron, A. B., - New Castle, Pa.
Prof. Jane S. Higham, A. M., - Rome, N. Y.
Prof. Herbert M. Hill, A. M., - - Buffalo, "
Rev. Marion W. Hissey, B. S., - Boulder, Col.
Rev. Julius C. Hitchcock, A. M., Warners, N. Y.
Prof. W. Newton Holmes, A. B., - Staunton, Va.
Rev. Marquis D. Hornbeck, A. M., S. T. B., Quincy, Ill.
Prof. Lewis E. Horning, A. B., - - Coburg, Ont.
Rev. Frank S. Houser, M. S., Painted Post, N. Y.
Orrin Z. Hubbell, - - Elkhart, Ind.
Rev. Bruce Hughes, A. B., - Glen Hope, Pa.
Prin. Ray G. Huling, A. M., New Bedford, Mass.
Prof. Lincoln Hulley, A. B., - Lewisburg, Pa.
Rev. Henry T. Johnson, A. B., - Hot Springs, Ark.
Charles S. Kathan, A. B., - - Grafton, Neb.
Rev. Matthias S. Kaufman, A. B., New Bedford, Mass.
Rev. John D. Kennedy, A. B., - Philmont, N. Y.
Rev. David Keppel, B. Ph., - Mansfield, Pa.
Prof. Carl R. Krone, B. Ph., - - Lincoln, Ill.
Rev. Alpha G. Kynett, A. M., B. D., Pottstown, Pa.
Rev. Joseph T. Ladd, A. M., - Wheaton, Ill.
Grace B. Latimer, B. S., - Oneonta, N. Y.
Rev. Egbert C. Lawrence, A. M., - Vernon, "
Rev. William W. Leslie, A. B., - East Plymouth, O.
Prof. Edwin H. Lewis, A. B., - Alfred Center, N. Y.
Rev. Benjamin F. Liepsner, A. B., Philadelphia, Pa.
Rev. Albert C. Loucks, A. M., - Potsdam, N. Y.
Rev. David T. MacClymont, A. M., Williamsport, Pa.
Edgar S. Maclay, A. M., - Brooklyn, N. Y.
Rev. William D. Marsh, A. M., - - Malone, "

Prof. Oscar W. Martin, A. M., - Loveland, O.
Rev. Madison C. B. Mason, A. M., - Atlanta, Ga.
Prof. Byron C. Mathews, A. M., - Newark, N. J.
Rev. Clinton D. McDonald, A. M., B. D., Thorold, Ont.
Granville H. Meixell, A. B., Collegeville, Pa.
Prof. P. Calvin Mensch, A. M., M. D., Ph. D., Pennsburg, "
Rev. Clement W. Miner, A. M., Cattaraugus, N. Y.
Prof. William S. Murray, B. S., - Liverpool, "
Rev. Julian H. Myers, A. M., - - Clinton, "
Rev. Trusten P., Newberry, B. S., - Ambler, Pa.
Rev. James C. Nicholson, A. B., Baltimore, Md.
Rev. William E. Nies, A. B., B. D., Brooklyn, N. Y.
Rev. Carleton H. Norris, B. Ph., Friendship, "
Prof. Asahel W. Norton, A. M., - Elmira, "
Prof. Edwin F. Norton, A. M., - - Olivet, Mich.
Rev. William B. Norton, A. M., - Earlville, Ill.
Rev. Delavan D. Odell, A. M., - - Aurora, "
Prof. Charles S. Parmenter, A. M., Baldwin, Kan.
Prof. Henry Pease, A. M., - - Medina, N. Y.
Rev. Barton W Perry, A. B., - Rochester, N. Y.
Rev. Chester A. Place, A. B., - Scott City, Kan.
Rev. Mason W. Pressly, A. B., - - Chester, S. C.
Cyrus A. Price, A. M., M. D., Chicago, Ill.
Prof. John B. Rogers, A. B., - Erie, Pa.
Rev. Henry S. Rowe, A. B., - - Galway, N. Y.
Prof. Alfred L. Rust, A. B., - Kansas City, Kan.
Rev. William O. Shepard, A. M., - Elgin, Ill.
Henry O. Sibley, A. B., - Syracuse, N. Y.
Mary J. Sibley, B. Ph., - " "
Rev. John Sieber, A. B., - Hedgesville, W. Va.
Rev. Alfred O. Smith, A. M., Rotherham, England.
Rev. J. Albert Smith, A. M., - - Bergen, N. Y.
Prof. Edward L. Stevens, A. B., - Malone, "
Rev. Henry E. Swetzel, A. B., - - Scranton, Pa.
Rev. Joseph Y. Takasugi, B. Ph., S. T. B., Hirosaki, Japan.
Prof. Ernest M. Taylor, A. M., - Montreal, Ont.
Prof. Zachary P. Taylor, A. M., - Rochester, N. Y.

Rev. John Teas, A. M., - - Philadelphia, Pa.
Rev. Charles Temple, A. M., - - Malone, N. Y.
Prof. Allison Thompson, A. B., - Sherman, Texas.
Rev. James L. Thompson, A. M., - Elgin, N. Y.
Rev. John C. Thoms, A. M., M. D., Elyria, O.
Rev. Charles W. Thornton, A. B., - Mendota, Ill.
Prof. William C. Tifft, A. B., - Memphis, N. Y.
Prof. William H. van Allen, B. Ph., - New York.
Prof. Hiram A. Vance, A. B., - Nashville, Tenn.
Rev. George Varion, M. S., - - Grandville, Mich.
Prof. Robert B. Warder, A. M., - Lafayette, Ind.
Norval Wardrop, M. Ap. Sc., - Detroit, Mich.
Rev. Horace E. Warner, A. B., B. D., Cedar Falls, Iowa.
Rev. Sylvanus B. Warner, A. B., - St. Paul, Minn.
Rev. Charles E. Wehler, A. B., - Blue Bell, Pa.
Jennie L. Whitbread, B. Ph., - Orange, N. J.
Prof. George T. Wiggin, B. S., - Fayetteville, N. Y.
Rev. Myron C. Wilcox, B. Ph., B. D., Foochow, China.
Rev. A. C. Willey, A. M., B. D., - Newton, N. J.
Rev. David Winters, B. S., - Williamsport, Pa.
Rev. James M. Yeager, A. M., - Hillsdale, N. Y.

Students.

RESIDENT POST-GRADUATE.

Oscar Rogers Whitford, A. B., (Mineralogy) Syracuse, N.Y.

SENIOR CLASS.

			City Address.
Kate Leora Abbott,*	c.	*Syracuse,*	1316 Madison
Georgianna Atwood,*	l. s.	*Herrickville, Pa.,*	618 Cr ave
Howard J. Banker,*	c.	*Schaghticoke, N. Y.*	Chap. H.
James Lynn Barnard,	s.	*Cooperstown,*	607 Crouse ave
Thomas Stone Bell,	c.	*Jordan,*	610 University ave
Menzo Burlingame,	l. s.	*East Springfield,*	705 Univ. ave
Jacob Hagar Carfrey,*	c.	*Milford, N. J.,*	610 Univ. ave
Leon Alanson Carley,	c.	*Homer,*	1005 E. Genesee
Edmund Le Roy Dow,*	s.	*Baldwinsville,*	701 Irving
Albert W. Emerson,	s.	*Bath,*	125 Leon
William Morrison Fanton,	c.	*Danbury, Conn.,*	610 Univ. ave
William Victor Flaherty,*	c.	*Chittenango,*	406 Niagara
Marcus Louis Glazer,*	s.	*Fair Mount, N. J.,*	309 Irving
Otto Goebel,	c.	*New York,*	511 Univ. ave
Genevra Gwynn,*	c.	*Throopsville, A. Φ.*	Chapter H.
Ella Mahala Hall,*	s.	*Johnsburgh,*	104 Henry
William Hartel,*	c.	*Buffalo,*	705 University ave
Martha Naomi Hayden,*	l. s.	*Syracuse,*	102 E. Beech
Ernest Freder'k Herman,*	c.	*Fairville,*	1106 Adams
John Blake Hillyer,	c.	*New York,*	1005 E. Genesee
Edward Lee Hollett,	c.	*Clifton Springs,*	609 Crouse ave

[Those who attained in scholarship the rank of First Grade Students for the year 1890-1 are designated by a star.]

NOTE.—The letter c. indicates the Classical Course; l. s., the Latin-Scientific; and s., the Science Course.

			City Address.
Sherburn C. Hutchinson,*	c.	*East Orange, Vt.*,	1013 Adams
Olin Clay Kellogg,*	c.	*Homer*,	111 Marshall
Annie May Knapp,*	l. s.	*Binghamton*,	113 Marshall
Arthur Gordner Leacock,*	c.	*Norwich*,	*Δ. Υ.* Chap. H.
William Dodge Lewis,	c.	*Canton*,	705 University ave
Raymond Wright Lowry,	c.	*Green Cove, Pa.*,	610 Univ. ave
Ina Delia Mercer,*	l. s.	*Syracuse*,	324 Montgomery
Herbert Sumner Miller,	c.	*Avon*,	731 Irving
Louise Nicholson,	c.	*Jordan*,	111 Waverly Place
William Chas. O'Donnell,	c.	*Brooklyn*,	1015 Adams
Eleanor Louise Orr,*	c.	*Syracuse*,	740 Harrison
Frank LeRoy Purdy,	c.	*Buffalo*,	1015 Adams
Irving Cornelius Rankin,	l. s.	*Akron O.*,	614 Univ. ave
Mary Ella Reed,	l. s.	*Seneca Castle*,	106 Univ. Place
Jonas Merriam Rice,	l. s.	*Otisco*,	705 University ave
Lepine Hall Rice,*	l. s.	*Brookline, Mass.*,	1012 Adams
Lewis Sauerbrei,	c.	*Dormansville*,	600 Univ. ave
Philip Frank Schneider,	l. s.	*Syracuse*,	319 Jackson
Earl Dorman Shepard,*	c.	*Le Roy*,	1013 Adams
Charles Allen Smith,	c.	*Nelson*,	102 Raynor
Frederick Carl Straub,*	l. s.	*Syracuse*,	710 E. Fayette
George Edwin Stright,	s.	*Philadelphia, Pa.*,	600 Univ. ave
Austianna Eliza Taylor,	c.	*Brooklyn*,	703 E. Genesee
Fannie Louise Thomas,	l. s.	*Mexico*,	*Δ. Φ.* Chap. H.
Mary S. Trowbridge,*	s.	*Camillus*,	802 University ave
Luther Ogden Wadleigh,	l. s.	*Potsdam*,	1005 E. Genesee
Frederick Hiram Watkins,	c.	*Pompey*,	1005 E. Genesee
Charles Freder'k Wiley,*	l. s.	*Syracuse*,	706 Harrison
Helen Mabel Wood,*	c.	*Savannah*,	604 Irving
Olin W. Wood,	l. s.	*North Urbana*,	610 Univ. ave
Joseph Arthur Wright,*	c.	*Cohoes*,	104 Henry
Mary Eugenia Wright,*	s.	"	104 Henry

JUNIOR CLASS.

				City Address.
William Henry Adams,		c.	*DeWitt,*	1316 Madison
Edward S. Allis,		c.	*Syracuse,*	802 Court
Rose Adele Baird,*	l.	s.	*Dunkirk,*	618 Crouse ave
Willard Henry Ball,		s.	*Syracuse,*	1415 Spring
Cora May Bowman,*	l.	s.	*Towanda, Pa.,*	717 Cr. ave
Robert Elias Brettle,*		c.	*Dansville,*	112 Gazelle
James Lewis Brewer,		c.	*Syracuse,*	529 Seymour
May Estelle Brown,	l.	s.	*Clifford,*	613 Crouse ave
Howard D. Chapman,	l.	s.	*Lakeport,*	821 E. Genesee
Nettie Alida Chapman,*		s.	*Scipio,*	108 Waverly Place
Dorr Raymond Cobb,*	l.	s.	*Ulysses, Pa.,*	717 Crouse ave
Georgia Ure Forman,*	l.	s.	*Auburn,*	*A. Φ.* Chap. H.
Charles Willis Fyfe,		c.	*Franklin,*	1005 E. Genesee
William Pratt Graham,*	l.	s.	*Syracuse,*	126 Renwick ave
Miriam A. Guernsey,*	l.	s.	*Canton, Pa.,*	*A. Φ.* Chap. H.
Gratia Gwynn,	l.	s.	*Throopsville,*	*A. Φ.* Chap. H.
George Hasbrouck Haigh,*		c.	*Waterloo,*	112 Gazelle
Albert Eugene Hall,*		s.	*Johnsburgh,*	104 Henry
Harry Otto Harbach,*		c.	*Springboro, O.,*	611 Irving
Chester James Hoyt,		c.	*Highland,*	312 James
Osmon Perley Hoyt,		s.	*Monroe,*	312 James
Arthur Ellsworth Hunt,*	l.	s.	*Gainesville,*	767 Harrison
William Henry Jakway,	l.	s.	*W. Haven, Vt.,*	666 Madison
Edwin Phillips Lyman,	l.	s.	*Syracuse,*	326 Hawley
Edmond K. Macomber,		s.	*Peru,*	347 Warren
Jessica Beatrice Marshall,	l.	s.	*Waterloo,*	209 Univ. Place
Willis Elias McGerald,*		c.	*Buffalo,*	309 Univ. Place
Grace Estelle McIntyre,*	l.	s.	*Batavia,*	1004 Adams
Charles Austin Metz,	l.	s.	*Kidder, Mo.,*	702 Harrison
Clarence Loomis Peaslee,		c.	*Adams,*	104 Marshall
William Henry Perry,		c.	*Buskirk Bridge,*	*Δ. Υ.* Chap. H.
Henry Phillips,		c.	*Johnsburgh,*	604 Irving
Dee Wolcott Pierce,		s.	*Central Square,*	1113 E. Gen
Bertrand C. Richardson,*		c.	*Syracuse,*	803 Almond
Sherman Rouse,		c.	*Stuyvesant,*	*Δ. Υ.* Chap. H.
William Rubin,	l.	s.	*Syracuse,*	829 Mulberry

			City Address.
Ida Louise Saxton,*	l. s.	*Clyde,*	113 Marshall
Avery Warner Skinner,	c.	*Mexico,*	University Place
Julia Skinner,*	c.	*Binghamton,*	119 Curtiss Place
Lewis Peter Smith,	c.	*Penn Yan,*	1005 E. Genesee
Wm. Erastus Taylor,*	l. s.	*East Elba,*	767 Harrison
Ernest Merrill Ten Broeck,	c.	*Watervliet Centre,*	803 Almond
Albert George Thorne,	c	*Buffalo,*	205 Waverly Place
Edith Richardson Truair,*	c.	*Syracuse,*	568 Cedar
Everett Prentiss Turner,	c.	*Oxford,*	610 University ave
Lorenzo Dow Van Arnam,	c.	*Gloversville,*	805 Almond
William Henry Wakeham,	c.	*New York,*	*A. Y.* Chap. H.
Frederick Ensign Walton,	c.	*Cortland,*	611 Irving
Clara Elizabeth Ward,	c.	*Vernon,*	106 Walnut Place
Grace Helen Webb,	l. s.	*Syracuse,*	902 James
Jessie Æolia Whyborn,	c.	"	704 Harrison
Minnie Belle Woodworth,	l. s.	*Chittenango,*	111 Waverly Pl.

SOPHOMORE CLASS.

Katherine Barnett Allis,*	c.	*Syracuse,*	802 Court
Jabez Eldridge Armstrong,	c.	*Johnsburgh,*	*A. Y.* Chap. H.
Charles Webster Beadel,	l. s.	*Syracuse,*	1814 W. Genesee
Martha Ann Beecher,	l. s.	*Livonia,*	209 University Place
George Hopkins Bond,	l. s.	*Syracuse,*	207 Adams
George Morse Bowns,	c.	*Troy,*	*A. Y.* Chap. H
Emma Elizabeth Brown,	l. s.	*Syracuse,*	416 Burnet ave
Susie De Ceu Brown,	l. s.	"	212 Shonnard
Earl Burch,	l. s.	*Dryden,*	315 University ave
Anna Irene Byrne,	l. s.	*East Onondaga,*	E. Onondaga
Celia Inez Byrne,	l. s.	" "	E. Onondaga
Samuel Eugene Caldwell,	c.	*N. Stamford, Ct.,*	1004 Adams
Alice Ida Cary,*	c.	*Syracuse,*	613 Milton ave
Edwin Hamlin Carr,	s.	*Rushville, Ind.,*	735 Crouse ave
Belle Margaret Carter,	s.	*Adams,*	417 University ave
Harry Chadderdon,	l. s.	*Weedsport,*	600 Crouse ave
Charles Arthur Church,	c. e.	*Syracuse,*	703 Crouse ave
Herman Churchill,*	c.	*East Scott,*	515 Crouse ave

			City Address.
Martha Belle Churchill,*	c.	*Springville,*	*Δ. Φ.* Chap. H.
Anna Louise Cole,*	l. s.	*Passaic, N. J.,*	731 Irving
George F. Cole,	s.	*Syracuse,*	136 Linden
Kingsley Fayette Congdon,	c.	*Penn Yan,*	*Δ. Υ.* Chap. H.
John Henry Cook,*	l. s.	*Syracuse,*	100 Johnson
Charles Squier Coulter,	c.	*Ferrisburg, Vt.,*	106 Walnut P.
Carro Julia Cummings,*	l. s.	*Buffalo,*	209 University Place
Lee Anna May Dorr,*	c.	*Mexico,*	107 Marshall
Maud Lulu Dorr,*	c.	"	107 Marshall
Fred Dutcher,	s.	*Avon,*	1004 Adams
Emma Y. Emerson,	s.	*Bath,*	125 Leon
Burton Deyoe Esmond,	l. s.	*Valley Falls,*	904 Irving
Anna Elizabeth Foote,	l. s.	*Brooklyn,*	*Δ. Φ.* Chap. H.
Agnes Helen Ford,	c.	*Syracuse,*	116 State
Verner Simpson Gaggin,	s.	*Erie, Pa.,*	1005 E. Genesee
Emily Jenny Goulding,*	l. s.	*Syracuse,*	10 Price Place
Frances May Gregory,*	l. s.	*Buffalo,*	209 Univ. Place
Ada Stewart Harbottle,*	c.	*Pulaski,*	142 Garfield ave
Kate Bennett Hathaway,*	s.	*Tonawanda,*	731 Irving
M. Mae Hathaway,	c.	*Charleston 4 C'rs,*	109 Marshall
Delmer Edward Hawkins,	c.	*Champlain,*	717 Crouse ave
Frederick William Heroy,	c.	*Rhinebeck,*	713 E. Fayette
Schuyler Fox Herron,*	c.	*Cobleskill,*	411 Comstock ave
Mary Adelia Hill,	l. s.	*West Barre,*	561 Cedar
Milicent A. Hinkley,*	l. s.	*Syracuse,*	731 Irving
Ada Cornelia Holmes,*	c.	*Franklinville,*	109 Marshall
Gordon Way Hoyt,	s.	*Monroe,*	312 James
Elmer Ellsw'th Hutchings,	c.	*Cardiff,*	321 Monroe
Martha Aubrie Keefe,*	s.	*Athens, Pa.,*	*Δ. Φ.* Chap. H.
George Kingsbury,	l. s.	*Deposit,*	610 Univ. ave
Grace Klock,	c.	*Oneida,*	417 Univ. ave
Edith Adelle Loomis,	c.	"	417 Univ. ave
Lizzie Luella Lowell,*	c.	*Bolivar,*	109 Marshall
Mary Louisa Lowell,*	l. s.	"	109 Marshall
Charles W. Marvin,	l. s.	*Baldwinsville,*	1015 Adams
Lillie May McCullough,*	l. s.	*Syracuse,*	309 Lemon
Frank Keller McFall,*	c.	*Cortland,*	613 Irving

			City Address.
Frank Joseph Miller,*	c.	*Syracuse,*	211 Catherine
Gurdon Ransom Miller,	s.	*Akron,*	1005 E. Genesee
Della Celia Mills,	l. s.	*Syracuse,*	332 Westcott
William Leverett Morgan,	c.	*Rome,*	723 Crouse ave
William Wilson Nichols,*	c.	"	319 Univ. ave
Frank Wright Noxon,	l. s.	*Syracuse,*	205 Catherine
Kate Eliza Palmer,*	l. s.	*Round Lake,*	620 Crouse ave
Frederick Jansen Perrine,	c.	*Kingston,*	904 Irving
Samuel Norton Pinney,	c.	*Olean,*	705 Univ. ave
George Owen Redington,*	s.	*Syracuse,*	904 Irving
Edward Dunbar Rich,	c e	*Marcellus,*	355 Delaware
Anna Lillian Richards,*	l. s.	*Marion,*	111 Waverly Place
Perthenia Weeks Root,	s.	*Cooperstown,*	*A. Φ.* Chap. H.
Georgia Ross,	l s.	*Amsterdam,*	707 Crouse ave
Stewart Scott,*	c.	*Cicero,*	735 Crouse ave
Edmund L. Shepard,	c.	*Berkshire,*	110 Raynor
Gertrude Alice Shepherd,*	c.	*Oswego,*	207 Univ. Place
William Hemans Smith,*	c.	*Collamer,*	125 Gazelle
John Austin Swann,	c	*Gallupville,*	321 Crouse ave
Lulu Swift,*	l. s.	*East Syracuse,*	1006 Adams
Jessie Kate Symonds,*	l. s.	*Elmira,*	1006 Adams
Theodore Wells Taylor,	c.	*Muncy Valley, Pa.,*	612 Cr. ave
Helen Eliz'th Thalman,*	l. s.	*Rome,*	713 Crouse ave
Myrtle Edith Thomson,*	c.	*Batavia,*	209 Univ. Place
Bertrand Martin Tipple,*	c.	*Camden,*	820 Madison
Edward B'dette Topping,*	c.	*Homer,*	104 Marshall
Heman Daniel Traver,	s.	*Clyde,*	608 Crouse ave
Abram Lincoln Travis,	c.	*Garrisons,*	1004 Adams
Wm. H. Van Benschoten,*	c.	*Newark,*	515 Crouse ave
Minnie Frances Wade.*	s.	*Moravia,*	108 Waverly Place
Frances Louise Warr,*	c.	*Oneida,*	731 Irving
Margaret Eliza Waters,	l. s.	*Terre Haute, Ind.,*	713 Cr. ave
Charles Heald Weller,	c.	*Dundee,*	112 Gazelle
Waldo Weston,	c.	*Syracuse,*	301 Locust
Blanche Eliza Widener,*	s.	*Chili,*	111 Waverly Place
William W. Wilcox,*	c.	*Chester.*	735 Crouse ave

FRESHMAN CLASS.

			City Address.
Christabel Abbott,	l. s.	*Syracuse,*	1316 Madison
Louis Allen,	l. s.	*Laurens,*	610 University ave
Nellia Julia Allen,	c.	*Onondaga Valley,*	608 Univ. ave
Louis Irving Backus,	c.	*Springfield,*	705 University ave
Guy Halsey Baskerville,	c.	*Deposit,*	610 University ave
Frank A. Beach,	c.	*Medina,*	211 University Place
Edward William Beadel,	s.	*Syracuse,*	1814 W. Genesee
Mertice Vie Benedict,	l. s.	*Weedsport,*	108 Waverly Place
Arthur Daniel Berry,	c.	*Mexico,*	*N. Y.* Chap. H.
Mabel Elizabeth Boomer,	c.	*Syracuse,*	314 Gifford
George Eldred Boschert,	l s.	"	108 Merriman ave
Alonzo Griffith Brooks,	c.	*McGrawville,*	239 Tallman
George F. Chandler,	c.	*Elmira*	
Guy N. Collins,	s.	*Farmington,*	106 Henry
Louis Streit Colwell,	c.	*Verbank,*	1004 Adams
Edith Hookway Cook,	s.	*Clyde,,*	106 Henry
Loren Arthur Davis,	c.	*Syracuse,*	129 Bassett
Sila Lorena Davis,	s.	*Livonia Station,*	905 Univ. ave
Jennie Baldwin Downs,	c.	*Newark, N. J.,*	102 Marshall
Fred George Dutton,	l. s.	*Le Roy,*	723 Crouse ave
Ray Eckerson,	l. s.	*Brownlee, Pa.,*	1009 Harrison
Herbert L. Ellsworth,*	c.	*Le Raysville, Pa.,*	417 Irving
Samuel Isaac Ferguson,	l. s.	*Syracuse,*	506 Madison
Maurice Fikes,	c.	*Herkimer,*	439 Burnet ave
Fred'k Henry Flaherty,	l. s.	*Chittenango,*	406 Niagara
Mansfield Joseph French,	l. s.	*Syracuse,*	132 South ave
Charles Stuart Gager,	c.	*Greene,*	604 Irving
Oscar John Gannett,	l. s.	*Galloo Island,*	723 Crouse ave
George Willis Gardner,	c.	*Saville,*	1004 Adams
William Joseph Gere,	l. s.	*Syracuse,*	514 Montgomery
Charles L. Gill,	l. s.	"	837 S. Beech
Clarence Norton Goodwin,	c.	*Washington, D. C., N. Y.*	Ch. H.
George Gorham Groat,	c.	*Waterford,*	310 Ostrom ave
Frank Milton Hamblin,	c.	*Auburn,*	1005 E. Genesee
Wm. Clark Hamilton,	l. s.	*Pittsburgh, Pa.*	
Anna Marion Harbottle,	c.	*Pulaski,*	142 Garfield ave

			City Address.
Inez Abbie Harris,	l. s.	*Bradford, Pa.*,	620 Crouse ave
Gerry Gibbs Henderson,	c.	*Wolcott*,	321 Monroe
Anna May Hills,	l. s.	*Binghamton*,	102 Marshall
William Beach Hodge,	s.	*Palatine Bridge*,	354 W. Onon.
Nellie Magdalen Hoffman,	c.	*Deposit*,	568 Cedar
Vernon William Holmes,	l.s.	*Texas Valley*,	611 Irving
Harry Daniel Honk,	s.	*Owego*,	619 Irving
Harris Ayres Houghton,	c.	*Auburn*,	1005 E. Genesee
Harriette Augusta Hynes,	c.	*Camden*,	717 Crouse ave
Ion Andrew Jackson,	l. s.	*Akron, O.*,	614 University ave
May Louise Jenner,	l. s.	*Clyde*,	111 Marshall
Louis Fowler Joy,	c.	*Ilion*,	735 Crouse ave
Lillian A. Kemp,*	s.	*Delhi*,	904 E. Genesee
William Moss Kerkhoff,	c.	*Chicago*,	112 Irving
Alma Louise Klock,	c.	*Oneida*,	731 Irving
Louis Stone Langton,	l. s.	*Elbridge*,	705 University ave
Milton Myers Leiter,	l. s.	*Syracuse*,	411 Warren
Aaron Levy,	c.	"	716 Harrison
Daniel Morgan Lewis,	c.	*Utica*,	411 Comstock ave
Fred Ziah Lewis,*	c.	*Auburn*,	1005 E. Genesee
Lorenzo Beecher Lockard,	s.	*Bradford, Pa.*,	1201 E. Genesee
Stephen B'dette Loveland,	c.	*Taberg*,	1108 E. Genesee
Louis Elbert Macomber,	c.	*Hamil on*,	608 Crouse ave
Joseph Robert McGowan,	c.	*Syracuse*,	606 Willis ave
Burton Meeker,	s.	*Millerton, Pa.*,	515 Crouse ave
Geo. Washington Mische,	s.	*Syracuse*,	209 Douglas
William George Morrell,	c.	*Trenton, N. J.*	
Jennette Alicia Morton,	l. s.	*Mottville*,	620 Crouse ave
Jessie May Noulton,	c.	*McConnellsville*,	102 Marshall
Charles Martin Olmstead,	c.	*Bainbridge*,	321 Monroe
Frank Ellsworth Paddock,	c.	*Elbridge*,	705 University ave
Samuel Pakelnishky,	l. s.	*Syracuse*,	114 Burt
Nina Hannah Paxon,	c.	*Springville*,	209 Univ. ave
Charles Luther Peck,	c.	*Cortland*,	239 Tallman
John Benton Pitcher,	c.	*Adams*,	411 Comstock ave
Mabel Anna Potter,	c.	*Syracuse*,	707 Madison
John Fitch Reed,	c.	*Richmond Mills*,	112 Henry

			City Address.
Howard Hunt Reynolds,	c.	*Bellville,*	411 Comstock ave
Frank Llewellyn Richards,	c.	*Oswego,*	107 Marshall
Roy Spencer Richardson,	l.s.	*Syracuse,*	1012 Adams
Carrie Adella Ritter,	l. s.	"	1201 W. Onondaga
Mary Etta Robinson,	l. s.	*Antwerp,*	310 E. Castle
Lena Rogers,	l. s.	*Syracuse,*	819 S. Salina
Frank Aaron Rosenthal,	l. s.	"	513 Jefferson
Dix Halsey Rowland,	l. s.	*Syracuse,*	1123 Washington
John William Sadler,	c.	*Troy, Pa.,*	*J. Y.* Chap. H.
Arthur Goodrich Salsbury,	c.	*Rome,*	705 Univ. ave
Fred Parmenter Schenck,	c.	*East Orange, N. J.,*	713 Cr. ave
J. Harry Shaver,	l. s.	*Marathon,*	735 Crouse ave
Lucian Herbert Shepherd,	c.	*Oswego,*	604 Crouse ave
Martha Elizabeth Smith,	l. s.	*North Canna,*	102 Marshall
Richard T. Southerst,	l. s.	*Syracuse,*	1005 E. Genesee
Allen Dorman Steele,	s.	*Elmira,*	731 Irving
Augustus C. Stevens,	l. s.	*Syracuse,*	803 James
Junius Woods Stevens,	l s.	"	522 N. Salina
Laura Isabel Stone,	c.	*LeRoy,*	109 Marshall
Olive Lucinda Strayer,	s.	*Denver, Col.,*	615 Irving
Archibald Bert Taylor,	c.	*Muncy Valley, Pa.,*	612 Cr. ave
Harry Byron Tilbury,	c	*Owego,*	713 Crouse ave
Ginevra F. Tompkins,	c.	*Newark, N. J.,*	109 Marshall
Charles H. Treadwell,	c.	*Oswego,*	107 Marshall
Florence E. Trowbridge,	s.	*Camillus,*	107 Marshall
Frank D. Walter,	c.	*Vernon,*	321 Monroe
Jessie Eunomia Wheeler,	c.	*Auburn,*	1102 E. Fayette
Charles Browning White,	c.	*Middleburgh,*	723 Crouse ave
George Morenus White,	l. s.	*Syracuse,*	408 Douglas
Milford John Whiteside,	s.	"	618 Irving.
George Fred'k Whitfield,	c.	*Clear Lake, Ia.,*	610 Univ. ave
Lieber Everett Whittic,	l. s.	*Syracuse,*	313 Almond

SPECIAL STUDENTS.

(Not Candidates for a Degree.)

		City Address.
Fred P. Barrett,	*Gainesville,*	
Nellie Julia Bates,	*Oxford,*	112 Cayuga
Franklin Peter Brill,	*Pottsville, Pa.,*	411 Comst. ave
Agnes Brown,	*Chittenango,*	127 Quince
Sanford Brusie,	*Boston Corners,*	1009 Harrison
Frederick M. Caswell,	*Deposit,*	735 Crouse ave
Amy Isabel Cooper,	*Syracuse,*	108 Walnut Place
Howard Wm. Crydenwise,	*Norwich,*	1005 E. Genesee
Edward Howard Dann,	*Syracuse,*	415 Jefferson
Gertrude Regene Danziger,*	"	619 E. Genesee
Frederick Louis Darbonnier,	*Berkshire,*	110 Raynor
Lucien A. Davison, B. P.,	*Cigarville,*	304 Centre
Ernest R. Deming,	*Syracuse,*	123 Leon
Janet Louisa Duesler,	*Clayville,*	106 Henry
Edmund L. French,	*Syracuse,*	232 South ave
Edwin Hall Gaggin,	*Erie, Pa.,*	1005 E. Genesee
Joseph Douglas Green,	*Syracuse,*	55 The Mowry
Charles Abram Hagaman,	*Albany,*	
William Clark Hamilton,	*Pittsburgh, Pa.,*	
Charles Everett Harris,	*Webster,*	611 Irving
Earl G. Heaton,*	*Baldwinsville,*	309 Irving
Charles Mynderse Herrick,	*Syracuse,*	206 Adams
Josiah Brainard Hine,	*E. Onondaga,*	705 Univ. ave
Eugenia Hobbs,*	*Nineveh,*	108 Waverly Place
William F. Hodge,	*Antwerp,*	323 Crouse ave
Harriet Seymour Hollis,	*Pulaski,*	908 Harrison
Florence Alburta Huntley,	*Syracuse,*	1105 E. Genesee
Herbert Ray Jaquay,	*Chaumont,*	104 Marshall
Clara Searing King,	*Syracuse,*	111 Shonnard
Albert E. Larkin,*	*Camillus,*	611 Crouse ave
Mary Louise Leonard,	*Syracuse,*	918 Madison
Charles George Little,*	"	901 University ave
Margaret Irma Little,	"	901 University ave
Samuel Miller Look,	*Prattsburg,*	315 Univ. ave
Anna Grace Loomis,	*Syracuse,*	604 Turtle

		City Address.
Charles Tucker McFarlane,	*East Syracuse,*	Dixon House
Stella Elizabeth McIntyre,	*Clyde,*	730 Crouse ave
William McN. McMahon,	*Caughdenoy.*	
Henry Louis Morgan,	*Syracuse,*	529 S. Salina
Laurence Joseph Myers,	"	307 Hawley
Fannie Alice Osborne,*	*Buffalo,*	209 University Place
Minnie Minton Powers,	*South Oxford,*	108 Waverly Pl.
Earl Andrus Rogers,	*Colton, Cal.*	
Erwin Harrison Schuyler,	*Fairmount.*	
M. Elizabeth Scott,	*Syracuse,*	752 Harrison
Florence Camp'll Sherwood,	*Brewerton.*	
Harriet Douglas W. Slater,	*Brooklyn,*	111 Waverly Place
Arthur Jerome Smith,	*Antwerp,*	610 University ave
George Elmer Strayer,	*Denver, Col.,*	615 Irving
Eugenia Elizabeth Titcomb,	*Mayfield,*	620 Crouse ave
Stephen Archibald Vickery,	*Latimer, Conn.,*	1106 Adams
Charles Elmer Welton,	*Elizabeth, N. J.*	
Harriet Emily Wilkin,	*Fayetteville.*	
Anna May Wilson,	*Lee, Mass.,*	209 Univ. Place
Fred William Woese,	*Syracuse,*	621 Catherine
Amy Estella Yoran,	*East Creek,*	110 Raynor ave

College of Fine Arts.

POST-GRADUATE STUDENTS.

		City Address.
Kate Stella Burr, B. Mus.,	m.	*Syracuse*, 109 The Frazer
Charles W. Douglas, B. Mus.,	m.	" 1005 E. Genesee
Carrie P. Jennings, B. Mus.,	m.	*Walton*, 209 Univ. Place
Helen M. Wardwell, B. Mus.,	s. p.	*Mannsville*, 115 McClel'n
Anna Belle Webster, B. Mus.,	m.	*Apulia.*

SENIOR CLASS.

Elsa Lovina Ames,	p.	*Burdette*, 1147 S. Salina
Francis Fish Brewer,	p.	*Syracuse*, 606 Irving
Grace Louise Carpenter,	p.	" 905 Madison
Martha Celetta Carter,	p.	*Oneida*, 417 Univ. ave
Edwin Hall Gaggin,	ar.	*Erie, Pa.*, 1005 E. Gen.
Albert Eugene Hall,	p.	*Johnsbury*, 104 Henry
Myra Irene Husted,	m.	*Syracuse*, 212 Johnson
Jessie Edith Jones,	m.	*Rochester*, 113 Marshall
Stella Frances Kingsley,	m.	*Syracuse*, 613 Gifford
Jeannette Mercer,	p. s. m.	*Wausau, Wis.* 417 Un.ave
Olive Crawford Moorhead,	m.	*Syracuse*, 616 Irving
Clara Belle Orr,	m.	" 740 Harrison
Kate Scott Rollo,	m.	" 809 E. Fayette
Mary Mereness Sandhovel,	p. s. m.	*Mexico*, 207 Univ. Place
Fred Webster Sherwin,	ar.	*Canton*, 809 E. Fayette

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music: s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

JUNIOR CLASS.

			City Address.
Alice Adams,	m.	*Syracuse,*	107 Elizabeth
Burt LeGrand Bently,	s. m.	*Cortland.*	
Emma Brigham,	s. m.	*Syracuse,*	736 Crouse ave
Ora Heath Boese,	s. m.	*New York,*	Vanderbilt House
Ralph Manning Comfort,	ar.	*Syracuse*	723 E. Genesee
Isadore Cropsey,	m.	*Oswego,*	109 Marshall
Grace Lockwood Ferris,	m.	*De Witt.*	
Florence Eugenie Haanel,	p.	*Syracuse,*	113 Waverly Place
Livonia May Hitchcock,	m.	*Manlius Station,*	113 Marshall
Kate Elinor Hovey,	m.	*Sayre, Pa.,*	Alpha Phi Ch. H.
Frank S. Husted, B. S.,	ar.	*Le Roy,*	735 Crouse ave
Harriet Jacobson,	s. m.	*Syracuse,*	207 E. Jefferson
Anna Sophia Johnson,	p.	"	401 Howard
Lulu Kern,	m.	*Hamilton,*	613 Crouse ave
Ruth Kellogg Kingsley,	p.	*Syracuse.*	406 Danforth
Frank Wheat Kirkland,	ar.	*Rome,*	600 Crouse ave
Charles Sidney Lackey,	ar.	*West Winfield,*	202 Waverly Pl
Milton Myers Leiter,	s. m.	*Syracuse,*	411 Warren
Mabel Kinne Lewis,	m.	*Madison,*	Alphi Phi Ch. H.
Addie Bliss Marks,	m.	*Kenwood,*	107 Marshall
Nellie Mason,	m.	*Syracuse,*	605 Univ. ave
Mary Anna Mattison,	p.	*Williamson,*	113 Marshall
Mary Johnson Nash,	s. m.	*Cortland.*	
Mary Mabelle Paddock,	p.	*Wolcott,*	Alpha Phi Ch. H
Edith Palmer,	m.	*Syracuse,*	103 W. Kennedy
Mary Patterson Pharis,	m.	"	600 Lowell ave
Bessie Achsah Reed,	m.	"	908 Harrison
Mary Elizabeth Reed,	p.	"	908 Harrison
Georgie Rose,	p.	*Cazenovia,*	614 Univ. ave
Elizabeth Belle Ruland,	m.	*Syracuse,*	728 E. Fayette
Maude Evelyn Sanford,	p.	"	525 W. Onandaga
Lena J. Schreuder,	m.	"	1032 S. Salina
Grace Darrow Searle,	p.	*East Onondaga.*	
Margaret A. Sexsmith,	s. m.	*Syracuse,*	519 Irving
Blanche Stevens,	s. m.	"	621 E. Genesee
Horace Stout,	s. m.	*Roselle, N. J.,*	611 Cr. ave

			City Address.
Clara May Sweet,	m.	*Cicero,*	1007 E. Adams
Ella Miriam Traver,	m.	*Red Hook,*	110 Raynor
Fannie Turton,	m.	*Erin,*	717 Crouse ave
Evelina Vernon,	s. m.	*Syracuse,*	707 Irving
Adelaide Alida Warne,	p.	"	231 Baker ave
Nina Weston,	m.	"	301 Locust

SOPHOMORE CLASS.

Augusta Denton Adams,	s.m.	*Marathon.*	
Lillie Sophia Allewelt,	s.m.	*Syracuse,*	919 N. Salina
Margaret Brown,	m.	"	212 Shonnard
Alice Louise Churchill,	s.m.	*Stamford,*	723 Crouse ave
Jessie Suydam Clark,	s. m.	*Syracuse,*	452 S. Salina
Oliver Vincent Clark,	ar.	*East Onondaga.*	
Alice Susan Colton,	s. m.	*Syracuse,*	115 Merriman ave
Clara Belle Condon,	s. m.	*Oswego.*	
George Draper Coons,	ar.	*Penn Yan,*	107 Marshall
Edith Norton Curtis,	s. p.	*Fredonia,*	209 Univ. Place
Alton Eugene Darby,	s. m.	*Cortland.*	
Ida Belle Darby,	s. m.	*Syracuse,*	105 Caroline
Marion Foster Duncan,	m.	"	517 Turtle
Mary Edson,	m.	*Crittenden,*	1004 E. Adams
Bertha Ella Elder,	s. m.	*Fulton.*	
Emma Willard Ely,	s. m.	*Chenango Falls,*	112 Har. Pl.
Grace M. Featherly,	m.	*Syracuse,*	118 South ave
Ida May Fisher,	s. m.	*Fayetteville.*	
Edith Helena Gates,	m.	*Livonia,*	209 Univ. Place
Clara Ellen Getman,	m.	*Ilion,*	103 Raynor
Grace Darling Haanel,	m.	*Syracuse,*	113 Waverly Place
Inez Roxana Hamilton,	s. m.	*Cazenovia.*	
Genevieve A. Harrington,	p.	*Syracuse,*	1104 E. Adams
Carl Tracy Hawley, ar.,	s. p.	*New Milford,*	612 Crouse ave
Stella Frances King,	s. m.	*Pulaski.*	
Grace Whitney Leslie,	m.	*Syraeuse,*	214 E. Onondaga
Margaret Irma Little,	s. m.	"	901 Univ. ave
Cordelia Schultz Losey,	p.	*Elmira,*	Alpha Phi Ch. H.

			City Address.
Ellen Osgood Lyford,	s. m.	*Syracuse,*	904 Irving
Cyrus Fisher Johnson,	ar.	*Memphis, Tenn.,*	907 Univ. ave
Gertrude May Martin,	m.	*Rome,*	209 University Place
Arline McCarthy,	s. m.	*Syracuse,*	402 Fayette Park
Lena May McCarthy,	s. m.	*Phœnix.*	
Burr Churchill Miller,	ar.	*Herkimer,*	600 Crouse ave
Lucia E. H. Moore,	s. p.	*Syracuse,*	618 Irving
Charles Mullin,	s. m.	"	610 E. Fayette
Charlotte Luretta Nash,	s. m.	*Cortland.*	
Charlotte M. Packard,	m.	*Syracuse,*	303 Univ. Place
May Cornelia Parrish,	ar.	*East Onondaga.*	
Jessie Angela Perrin,	m.	*W. Pittston, Pa.,*	Al. P. Ch. H.
Phebe Ella Pierson,	m.	*Waterloo,*	110 Raynor
Helen Mary Post,	p.	*Syracuse,*	907 Madison
Clara W. Schulze,	s. m.	*Portage, Wis.,*	716 Crouse ave
Nettie Sarah Seely,	m.	*Spencer,*	802 Univ. ave
Helena Mercy Smith,	ar.	*Middlebury, Vt.,*	621 Cr. ave
Harriet Case Stacey,	s. m.	*Syracuse,*	217 Court
Edith Claire Stobo,	m.	"	703 E. Genesee
John Sherman Tack,	p.	"	304 S. Beech
Julia Adelaide Talbot,	m.	"	622 Irving
Georgiana Curry Taylor,	s.m.	*City Island,*	703 E. Genesee
Clara Edith Titus,	m.	*Syracuse,*	906 Irving
Lillian Belle VanHeusen,	m.	"	701 Univ. Place
Ina Elizabeth Wallace,	m.	*Apulia,*	517 Almond
Mabel Harriet Webster,	s. m.	"	111 Waverly Place
Wilhelmina Weddigen,	s.m.	*Williamsport, Pa.,*	614 Cr. ave
Sarah Louise Weeks,	m.	*Skaneateles,*	207 Univ. Place
Clara Martha Williams,	p.	*Ithaca,*	408 Walnut
Florence M. Wood,	s. m.	*Syracuse,*	608 Irving

FRESHMAN CLASS.

Lovern Babcock,	m.	*Fayetteville.*	
Frank Ambrose Beach,	s. m.	*Medina,*	211 University Place
Harry Loyd Benedict,	ar.	*Syracuse,*	Hotel Mowry
Hattie Louise Benedict,	s. m.	*Canton, Pa.,*	717 Crouse ave
Emma Alice Brace,	s. p., s.m.	*Syracuse,*	The Florence

			City Address.
Susan Gay Britcher,	m.	*Syracuse,*	707 S. West
Jean Helmer Brockett,	s. m.	*Dolgeville,*	110 Raynor
Lena Emily Brockway,	s. m.	*Syracuse,*	319 Delaware
Effie Belle Brooks,	s. m.	*N. Lansing,*	928 Grape
Caroline F. Brosemer,	s. p.	*Oswego.*	
Agnes Brenette Buckley,	m.	*Syracuse,*	208 W. Genesee
Hattie May Budd, B. A.,	s. m.	"	706 University ave
James Joseph Carey,	m.	"	204 Wallace
Belle Margaret Carter,	s. m.	*Adams,*	417 University ave
Geo. Fletcher Chandler,	m.	*Syracuse,*	The Florence
Kate Mary Collins,	s. m.	"	230 Rust
Charles Francis Coonley,	ar.	*Cicero,*	107 Marshall
Ada Adelle Cooper,	s. m.	*Oswego,*	500 Irving
Bessie Cowles,	m.	*Clyde,*	732 Crouse ave
Sarah Crabtree,	s. m.	*Syracuse,*	114 W. Castle
Mamie Ella Crofut,	s. m.	"	116 Madison
Minnie E. Curtis,	s. m.	"	817 S. West
Mary Willard Cushing,	s. m.	"	938 Grape
Alice Cutler,	s. m.	*Moravia,*	717 Crouse ave
Mamie Bertha Dalton,	s. m.	*Morrisville.*	
Cordelia Cogswell Dana,	s. p.	*Syracuse,*	206 Highland
Mary Cogswell Dana,	s. p.	"	206 Highland
Lillian Adelle De Long,	p.	"	910 Danforth
Alice Scott Dunn, B. P.,	s. m.	"	Dunn Park
Sybel Belle Dunn,	s. p.	"	Dunn Park
Laura Durston,	s. m.	"	509 James
Minnie Elizab'th Dwyer,	s. m.	"	220 W. Fayette
Arthur Eltinge,	m.	*Creek Locks,*	620 Crouse ave
Julius Franklin Everett,	ar.	*Poynette, Wis.,*	716 Crouse ave
Bertha Charlotte Farrar,	m.	*Albany,*	614 Crouse ave
Ruth Fearey,	m.	*Syracuse,*	702 Croton
Cory Fred Feek,	ar.	"	108 Harrison
Anna Phebe Ferris,	s. m.	*De Witt.*	
Fanny Cozett Fisk,	s. m.	*Syracuse,*	317 Bear
Jennie Folkey,	m.	*Deposit,*	568 Cedar
Fannie Sarah Ford,	m.	*Fairfield,*	110 Raynor
Carrie E. Foster,	s. m.	*Syracuse,*	208 Grape

			City Address.
Mansfield J. French, Jr.,	ar.	*Syracuse,*	232 South ave
Thomas Walker Gaggin,	ar.	*Erie, Pa.,*	1005 E. Genesee
Florence Belle George,	m.	*Rome,*	109 Marshall
Fanny A. Goodjohn,	p.	*Fulton,*	906 Irving
Lewis Eliha Graves,	m.	*Scriba,*	319 Monroe
Nathan Reed Graves,	ar.	*Syracuse,*	401 Graves
George W. Gray,	m.	*E. Springfield,*	705 Univ. ave
*Elizabeth Griffiths,	s. m.	*Syracuse,*	111 McClellan
Helen Miranda Guernsey,	p.	*Canton, Pa.,*	Alpha Phi Ch. H.
Miriam Adelia Guernsey,	s.m.	" "	Alpha Phi Ch. H.
Jessica Lusina Harden	p.	*Marion,*	111 Waverly Place
Minnie Harrington, B.P.	s.m.	*Syracuse,*	1104 E. Adams
Susannah C. Hatmaker,	m.	"	105 Marshall
Cora B. Henderson,	s. p.	*Walton,*	740 Harrison
Anna Lora Hopkins,	s. p.	*Watervale,*	908 Harrison
Jessie Whiting Hurlbut,	p.	*Canastota,*	731 Irving
Haswell Clarke Jeffrey,	p.	*Syracuse,*	300 Green
Clara Aleene Jewell,	s. m.	*Homer.*	
Caroline C. Johnson,	s.p., s.m.	*Fredonia,*	719 Crouse ave
Lula Belle Jones,	p.	*Eaton,*	904 E. Genesee
Celia Francis Kelley,	s. m.	*Oswego.*	
Alma Jeannette Kenyon,	s. p.	*Syracuse,*	601 Warren
Lillie Kipp,	s. m.	*West Fayette,*	619 Irving
Josephine Percy Lalor,	s. m.	*Syracuse,*	1143 S. Salina
Benjamin Lesser,	s. m.	"	705 Warren
William Dodge Lewis,	s. m.	*Canton,*	705 University ave
Esther Purdie Lord,	s. m.	*Otselic,*	1027 E. Fayette
May Louisa Lowell,	s. m.	*Syracuse,*	209 University Place
Anna Clarissa Mackey,	s. m.	*Geneva,*	419 Irving
Mary Estelle Marsh,	s. m.	*Holley,*	752 Harrison
Laura Jane Marshall,	s. m.	*Prattsville.*	
Nina Irene McCormick,	s. m.	*Syracuse,*	120 Henry
Estelle Lytte McCoy,	s. m.	"	W. S. Pass. Station
Arabella J. Messenger,	s. m.	*Smyrna,*	126 South ave
Burton Michael,	s. m.	*New York,*	411 Warren
Anita Cleveland Miller,	s. m.	*Eaton,*	427 E. Jefferson

*Deceased.

			City Address.
Josephine A. Miller,	s. m.	*Syracuse,*	207 Park ave
George W. Mische,	m.	"	209 Douglas
William George Morrell,	s. m.	*Trenton, N. J.*	
Louise Tallman Morse,	s. m.	*Syracuse.*	
Myrtie Budd Myers,	m.	*Cortland,*	802 Univ. ave
Amelia Oberlander,	s. m.	*Syracuse,*	805 Butternut
Laura Tomlinson Page,	m.	"	609 Univ. ave
Charlotte Cooke Palmer,	s.m.	"	1000 E. Genesee
Sarah Edith Peck,	s. p.	*Fayetteville.*	
Harriet Frances Raymer,	s.p.	*Phelps,*	107 McClellan
Frederic William Revels,	ar.	*Olean,*	705 University ave
Jessie William Ross,	s. m.	*Syracuse,*	212 Green
Maud Louise Russ,	s. m.	*Phœnix.*	
Frederic W. Schlieder,	m.	*West Leyden,*	620 Crouse ave
Theodore Sedgwick,	s. m.	*Syracuse,*	1027 James
Joseph Charles Seiter,	m.	"	425 N. Salina
Margaret Ely Seymour,	s. m.	"	201 Rust
Gail Sherman,	s. p.	"	1312 Park
Margaret K. Sherman,	s. m.	"	107 Cedar
Abigail Ann Sherwood,	s. m.	"	1011 Madison
Anna M. Simmons,	s. m.	"	119 South ave
Bessie H. Smith,	s. m.	*Fayetteville.*	
Florence May Smith,	p.	*Syracuse,*	360 Westcott
Frederic Knight Stickle,	ar.	*Weedsport,*	705 Univ. ave
Bessie Beatrice Stinard,	s.m.	*Syracuse,*	1117 Bellevue
Clara Louise Stoddard,	m.	*Palmyra,*	107 Marshall
Lottie C. Stoutenburg,	s. m.	*Penn Yan,*	117 E. Genesee
Archibald Swartz,	ar.	*Syracuse,*	The Florence
Mary Adella Tack,	s. m.	"	304 Beech
Julia Francis M. Taggart,	s.m.	"	1318 E. Fayette
Austianna Eliza Taylor,	s. m.	*City Island,*	703 E. Genesee
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Elizabeth Emily Walter, s. m.	"	123 Monroe
May Watkins, s. m.	*Cazenovia.*	
Marion Emeline Weaver, p.	*Syracuse,*	119 South ave
Grace June Whitney, s. m.	*Clifton Springs,*	665 Madison
Charles Peters Wickwire, m.	*Oneonta,*	710 Madison
Frances Morris Wilkins, s.m.	*Syracuse,*	664 Madison
Jessie Adelia Williams, s.m.	"	512 Almond
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Rebecca Andursky,	"	756 Harrison
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Flora Isabel Barrett,	*Canastota.*	
Ethel Alexander Barnum,	*Syracuse,*	803 Univ. ave
Eugenia Helena Barnum,	"	Crouse ave
Blanche Beth Beardslee,	*East Canton, Pa.,*	717 Cr. ave
Lillian Grace Blumer,	*Collamer,*	730 Mulberry
Emma Harriet Boyd,	*Albany,*	612 Crouse ave
Edly Emily Brown,	*Syracuse,*	212 Shonnard
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Beulah Vaughn Gaylord,	"	10 The Kenyon
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Mary Ella Grant,	"	504 University ave
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Mary Josephine Horn,	"	614 Crouse ave
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Helen Mabel Wood,	*Savannah,*	112 McClellan
Edith Clymer Wyckoff,	*Syracuse,*	1317 E. Genesee

College of Medicine.

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Francis G. Engelhardt,	*Syracuse,*	322 Prospect ave
Fred S. Fay,	*E. Onondaga,*	Col. Medicine
William D. Johnson,	*Stone Church,*	302 Orange
Louis K. Peck,	*Syracuse,*	908 N. Alvord
Walter A. Scott,	*Greenwich,*	307 Montgomery
Charles D. Vernooy,	*Accord,*	302 Orange
U. Grant Williams,	*Little Neck,*	323 Crouse ave
Edward J. Wynkoop,	*Syracuse,*	406 James

SECOND YEAR.

Winfield H. Ames,	*Syracuse,*	509 Walnut ave
Hetty Barnes,	*Belleville,*	1031 E. Fayette
Stewart S. Bibbens,	*Syracuse,*	219 South ave
Oliver A. Blumenthal,	"	326 Montgomery
Paul T. Carpenter,	*Cortland,*	613 Irving
Melvin M. Fuller,	*Gloversville,*	611 Irving
John R. Harding,	*Syracuse,*	1336 Mulberry
Hiram B. Hawley,	"	1100 N. Salina
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Victoria M. Kemter,	*Syracuse,*	717 Midland ave
I. Harris Levy,	"	716 Harrison
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George L. Richardson,	*Syracuse,*	707 Montgomery

FIRST YEAR.

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George B. Clark,	*W. Taghkanic*	611 Irving
Charles A. Covell,	*Prattsburgh,*	527 Cedar
Margaret E. Dunn,	*Syracuse,*	310 Court
J. Edward Galvin,	*Camillus,*	802 Almond
Jesse A. Hartson,	*Delta,*	107 Marshall
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A. F. Miller,	*Syracuse,*	1015 Court
Robert H. Phelps,	*Norwich,*	College Medicine
John M. Quirk,	*Havana,*	419 Lodi
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Robert B. Wilson,	*Sacketts Harbor,*	703 E. Gen.

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Otis F. Black,	*Cambridge, Mass.,*	201 Hawley
Eugene A. Conyon,	*Syracuse,*	313 S. Crouse ave
Albert S. Hotaling,	"	117 South ave

Summary of Students.

COLLEGE OF LIBERAL ARTS.

Post-Graduate Students,		155
Resident Post-Graduate,		1
Senior Class,	53	
Junior Class,	52	
Sophomore Class,	91	
Freshman Class,	105	
Special Students,	56	—357

COLLEGE OF FINE ARTS.

Post-Graduate Students,		5
Senior Class,	15	
Junior Class,	42	
Sophomore Class,	58	
Freshman Class,	128	—243
Gymnasial Students in Music,		57

COLLEGE OF MEDICINE.

Third Year,	9	
Second Year,	13	
First Year,	23	
Special Students,	3	—48
		866
Names repeated,		15
Total,		851

Calendar.

1892.

Jan. 5, *Tuesday*—Winter term begins

" 28, *Thursday*—Day of Prayer for Colleges.

Feb. 9, *Tuesday*—First term of the College of Medicine ends.

" 10, *Wednesday*—Second term of the College of Medicine begins.

March 21–30, Term examinations.

" 31, *Thursday*—Supplementary examinations.

April 5, *Tuesday*—Spring term begins.

May 2, *Monday*—Seniors present their Commencement Orations.

" 30–June 3, Final examinations of seniors.

June 9, *Thursday*—Second term of the College of Medicine ends.

" 6–16, Term examinations.

18, *Saturday*, 10 A. M.—Annual meeting of University Senate.

19, *Sunday*, 10.30 A. M.—Baccalaureate Sermon.

20–22, *Monday–Wednesday*—Annual Exhibition of the Works of Art produced during the year.

20, *Monday*, 9 A. M.—Entrance examinations begin.

3 P. M.—Class Day exercises.

8 P. M.—Annual Musical Soiree.

21, *Tuesday*—10 A. M.—Annual Meeting of Trustees.

10 A M.—Annual Meeting of Alumni Association.

8 P. M.—Literary Meeting of Alumni Association.

22, *Wednesday*, 2 P. M.—COMMENCEMENT.

23, *Thursday*—Summer Vacation begins.

Sept. 19, *Monday*, 9 A. M.—Entrance examinations begin.

" 22, *Thursday*—Fall term begins. Students assemble in Chapel at 9.30 A. M.

Oct. 4, *Tuesday*—First term of the College of Medicine begins.

Nov. 24–26, *Thursday–Saturday*—Thanksgiving Recess.

Dec. 14–23, Term examinations.

" 23, *Friday*, Fall term ends. Holiday Recess begins.

1893.

Jan. 10, *Tuesday*—Winter term begins.

" 26, *Thursday*—Day of Prayer for Colleges.

Feb. 14, *Tuesday*—First term of the College of Medicine ends.

" 15, *Wednesday*—Second term of the College of Medicine begins.

March 25—April 5, Term examinations.

April 6, *Thursday*—Supplementary examinations.

" 11, *Tuesday*—Spring term begins.

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SYRACUSE UNIVERSITY

1892=93.

TWENTY-SECOND ANNUAL.

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ANNUAL

OF THE

SYRACUSE · UNIVERSITY

FOR THE

COLLEGIATE YEAR

1892-93.

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REV. JOHN C. NICHOLS, A.M., '75
ROBERT H. GERE, M. PH., '83.
ELLA I. FRENCH, B. MUS., '78.
REV. CHARLES E. HAMILTON, A.M., '86.
JAMES W. WILSON, A.M., '79.
WILFRED W. PORTER, A.B., '86.
REV. CHARLES M. EDDY, M. PH., '84.
CARRIE E. SAWYER, A.B., '87.

ALUMNI ENDOWMENT FUND COMMITTEE.

FRANK SMALLEY, '74, CHAIRMAN. J. SCOTT CLARK, '77.
L. M. UNDERWOOD, '77.

Conference Visitors.

CENTRAL NEW YORK CONFERENCE.

Revs. W. H. York, J. C. Nichols, R. C. Fox, J. E. Rhodes, George Fosbinder, W. H. Annable, R. D. Munger, D. D. Campbell

GENESEE CONFERENCE.

Revs. R. E. Brownlee, L. F. Congdon, A. D. Wilbor, O. S. Chamberlayne.

NEW YORK CONFERENCE.

Revs. R. Wheatley, J. W. A. Dodge.

NEW YORK EAST CONFERENCE.

Revs. R. Crook, J. Wesley Johnston, George P. Mains.

NORTHERN NEW YORK CONFERENCE

Revs. J. B. Hammond, C. W. McCormick, Robert Flint, W. H. Bury, C H. Guile. W. S. Titus, W R. Weed, A. Cropsey.

TROY CONFERENCE.

Revs. W. H. Groat, E H. Brown, P. L. Dow, A. H. Eaton, E. Wiseman, L. D. VanValkenburgh.

WYOMING CONFERENCE.

Revs. Y. C. Smith, George H. Prentiss, George I. Wilber.

General Information.

COLLEGES.

The University has three Colleges organized and in operation. These are:

I. The College of Liberal Arts,
II. The College of Fine Arts,
III. The College of Medicine.

They are open to men and women on the same conditions.

GROUNDS AND BUILDINGS.

The University Campus contains fifty acres, and is beautifully situated in the southeastern part of the city, commanding views of the surrounding country for many miles.

The Hall of Languages, occupied by the College of Liberal Arts, is a dressed limestone building, 180 by 96 feet, four stories in height.

The Charles Demarest Holden Observatory is built of rock-faced gray limestone. It is equipped with an eight-inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, spectroscope, etc. It is also provided with apparatus for meteorological observations.

The Library Building, constructed of limestone and Trenton brick, with terra cotta trimmings, was completed in 1889. It has abundant room for all needed library appliances, and shelving in the stack room for 135,000 volumes.

The Gymnasium and Christian Association Building is constructed of brick, with limestone trimmings. It is 101 by 70 feet extreme measures. It contains all the appointments for a first-class gymnasium ; also parlors, office and assembly room for the Christian Association work of the University.

A thorough medical examination is given every student when he enters upon gymnasium work, and his exercises are adapted to the requirements of his health.

The John Crouse Memorial College Edifice, built and furnished by the late Mr. John Crouse, and his son, Mr. D. Edgar Crouse, is of Long Meadow red sandstone, with granite foundation. It is four stories high, 162 by 190 feet in extreme dimensions, and is one of the most imposing of College structures. The College of Fine Arts is in this building.

The College of Medicine occupies three suitable buildings on Orange street, near Genesee.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing in different parts of the state have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz.:

Hudson River Institute and Female College, at Claverack ; Cazenovia Seminary, at Cazenovia ; Ives Seminary, at Antwerp ; Onondaga Academy, at Onondaga Valley ; Yates Union School, at Chittenango ; and Genesee Wesleyan Seminary, at Lima.

ENDOWMENTS AND PROPERTY.

The University has $500,000 of productive endowment. The present net value of its entire property is about $1,700-

000. A bequest of $50,000 by the late Francis H. Root will become productive next year.

LIBRARIES.

The general library contains 48,000 volumes, and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University.

The College of Medicine has a valuable professional library accessible to the medical students.

MUSEUMS.

The University Museum contains a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains;
2. An extensive lithologic collection representing all the leading types of rocks;
3. A collection of fossils illustrating especially the paleontology of New York State;
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds;
2. A considerable collection of alcoholic specimens, mostly of Invertebrates;
3. A collection of shells abundantly representing nearly all molluscan families;
4. A collection of several hundred species of fishes from the U. S. Fish Commission and from private donations.

In Botany a well-ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

Further collections are needed and donations solicited.

The College of Medicine has an excellent Museum, extensive in the department of pathology, and amply provided with the means of illustration of the Materia Medica. It has recently received from Mrs. Dr. Wieting the gift of the late Dr. J. M. Wieting's anatomical apparatus, consisting of manikins, dried specimens, etc., valued at $10,000.

The College of Fine Arts has several thousand photographs, engravings and chromo lithographs, and a good collection of plaster casts procured several years ago. To these have been added a very fine collection of casts presented by a friend in New York, and the celebrated Wolff collection of engravings, containing 12,000 sheets of rare and costly etchings and engravings representing the great masters of the art in all ages. This great collection was the gift of Mrs. Harriet Leavenworth, of Syracuse, in April, 1889.

SCHOLARSHIP HONORS.

The College of Liberal Arts has established a system of honors by which students maintaining high rank in class work throughout the term are admitted to special honor examinations, and upon successfully passing these, are recorded as *first grade* students for the term. Those who maintain *first grade* rank for two or more terms in the year are eligible to commencement honors.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy

students. Thirty-seven of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Science Course, *Bachelor of Science;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor in Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred only upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Courses of Study, published by the University. These courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies.

For the Master's degree in the College of Fine Arts, see index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend Sabbath morning church service.

EXPENSES.

In the College of Liberal Arts, the tuition is $20.00 per term; to the sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for tuition in the College of Liberal Arts, and for one-fourth of his tuition in the College of Fine Arts, to be paid at his earliest convenience after leaving college. An incidental fee of $5.00 per term is charged in the College of Liberal Arts. The cost of materials used in the Chemical, Physical and Biological Laboratories is defrayed by the student and does not exceed $5.00 per term in each.

In the College of Fine Arts the tuition is $40.00 per term; to sons and daughters of clergymen, $20.00 per term. Students desiring to do so, may arrange for private instruction in music by engaging the entire hour. The following is a schedule of prices for such students in music as do not pay regular tuition:

Two Piano, Vocal or Violin lessons of one hour each per week (in classes of three),	$18 00
One Piano, Vocal, or Violin lesson of one hour per week (in classes of three),	9 00
Two Organ lessons of one hour each per week (in classes of three),	20 00
One Organ lesson of one hour per week (in classes of three),	10 00

Two Theory lessons of one hour each per week (in classes), ... 6 00

A matriculation fee of $5.00 is required of every student, on admission to the University, and $20.00 for graduation and diploma.

In the College of Medicine, the fees and expenses are:

Matriculation, ...	$ 5 00
Dissection, including material, . . .	10 00
Tuition for each year, ...	80 00
Graduation, ...	25 00

If payment is made for the three years in advance, the charge is, after matriculation, $200.00.

Children of regular physicians and the children of clergymen, may avail themselves of a reduction of one-half the above tuition fee for each year, or if payment is made for the three years in advance, the charge is, after matriculation, $100.00.

Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

College of Liberal Arts.

RELIGIOUS OBSERVANCES.

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Students not in the regular course, receiving instruction in one or two branches, are charged, after matriculation, $18.00 per term for a single study.

College of Liberal Arts.

Faculty of the College of Liberal Arts.

REV. CHAS. N. SIMS, D. D. LL. D., CHANCELLOR,
Professor of English Literature.

JOHN R. FRENCH, LL. D., DEAN,
Gardner Baker Professor of Mathematics.

REV. W. P. CODDINGTON, D. D.,
William Penn Abbott Professor of Philosophy and Pedagogy.

FRANK SMALLEY, A. M., PH. D.,
Professor of Latin Language and Literature.

EUGENE HAANEL, PH. D. (BRESL.), F. R. S. C.,
Professor of Physics and J. Dorman Steele Professor of Theistic Science.

WILLIAM H. MACE, A. M.,
William Griffin Professor of History and Political Science.

REV. CHARLES W. HARGITT, A. M., PH D.,
Professor of Biology and Geology.

REV. JOHN HEDDÆUS, B. D., PH. D.,
Professor of Modern Languages.

REV. WILLIAM G. WARD, A. M.,
Professor of Rhetoric, English Criticism and Oratory.

HENRY A. PECK, A. M.,
Director of the Observatory and Associate Professor of Mathematics.

EDGAR A. EMENS, A. M.,
Associate Professor of Greek.

ERNEST N. PATTEE, M. S.,
Instructor in Chemistry,

REV. F. J. HOLZWARTH, A. M., PH. D.,
Instructor in German.

HENRY O. SIBLEY, A. B., LIBRARIAN,
Instructor in Library Economics.

JOHN R. FRENCH,
Secretary of the Faculty.

ERNEST N. PATTEE,
Curator of the Museum

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and includes a considerable amounnt of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Science Course offers good facilities for thorough laboratory work in several distinct lines as shown in the schedule of Parallel Courses. (See index.)

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is larger.

Students preparing for college are advised to study stenography wherever practicable, as it will be of great service in taking notes of lectures.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:

(1.) English Grammar.—

(2.) Geography.—Ancient and Modern; Political and Elements of Physical.

(3.) History.—*United States; Roman*, to the end of the third Punic War.

(4.) Mathematics.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*.—the first five books of Wentworth's Plane and Solid Geometry on their equivalent. Special attention is called to the original exercises.

(5.) PHYSICS.—J. Dorman Steele's work or its equivalent.

(6.) HUMAN PHYSIOLOGY.—Equivalent to J. D. Steele's work.

(7.) LATIN.—Harkness' *Latin Grammar;* four books of *Cæsar's Commentaries;* six of *Cicero's Orations;* the *Eclogues,* and six books of the *Æneid,* with special reference to the prosody; Allen and Greenough's *Latin Composition,* part first complete, or an equivalent; ability to read easy Latin at sight.

(8.) GREEK.—Goodwin's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad;* the exercises in the first half of White's or Jones' *Greek Prose Composition,* or the first three chapters of Boise's.

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin-Scientific Course are examined in the studies required for the Classical Course, excepting the Greek; and are also examined in German as follows: (1) the principles of the grammar and construction for translating English into German; (2) the translation of 100 pages of Grimm's or Anderson's Maerchen, or 60 pages of Hauff's Maerchen, or an equivalent, and one play of Goethe, Schiller or Lessing; (3) ability to translate at sight easy German, other than the above.

3. Candidates for the Science Course are examined in all the studies required for the Latin-Scientific Course, but in place of the Latin they may offer the following French: (1) the grammar equivalent to Part II. of Edgren's French Grammar to page 110, or Part I. of Bocher's Otto, or Whitney; (2) the translation of l'Abbe Constantin entire, or 250 pages of Jenkins' Contes Choisis, or 10 books of Fenelon's Telemaque, or any two of Jenkins' plays of the Theatre Contemporain, or of Holt's College Series of French Plays; (3) ability to translate at sight easy French other than the above.

II. To Advance Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. Special Students.

Students who do not desire to complete any of the regular courses of study, may pursue such studies as their qualifications permit. They are expected to attend such general exercises as may be assigned to them, be subject to all the general rules, and take work enough to occupy all their time.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English literature from its beginnings to the present, together with so much of the history of the English people and language as is necessary to an intelligent comprehension of the literature.

The writings of the best authors of the several periods are examined and characterized in the classes and the genesis and growth of the various forms of literature carefully considered.

Freshman Year:—The first term's work is devoted to outlining the different periods of English literature, to the proper grouping of authors, and to certain phases of Anglo-Saxon and Early English.

The second term's work is a study of authors and literature to the time of Queen Anne.

Senior Year: In this year the literature of the language is studied critically from Addison to the present time.

While much of the instruction in this department is given by lectures, text-books are retained and used.

LATIN.

The object kept constantly in view in this department is threefold: 1. To secure the results and training of a scientific study of the language. For it is believed that an ancient language presents one of the finest possible fields for scientific study, cultivating the faculties of observation and classification and the judgment; 2. To acquire the literary culture afforded by the study. Language mirrors the life of a people in its every aspect, especially their culture, history and literary attainments, and a critical study of it brings the student into contact with that life; 3. To instruct the pupil not only in the principles of the language, but to train him to read understandingly Latin of ordinary difficulty without translating. In no other way can an author be appreciated, for both the thought and the style suffer in translation, the latter especially being quite incapable of reproduction in another tongue.

FRESHMEN: *First term*, Cicero, De Senectute and De Amicitia; Latin Composition; Roman History; Analysis; Reading at sight throughout the year. Four hours a week. *Second term*, Livy, I. and XXI; Latin Composition; Roman History; Analysis; Written Translations. Four hours a week. *Third term*, Juvenal and Persius; Prosody; Roman Satire. Three hours a week.

SOPHOMORES: *Second term*, Horace, Selections from the Odes, Epodes, Satires and Epistles; Study of Roman Life, Society, Customs, etc. Essays; Scansion of Horatian Meters. Three hours a week.

JUNIORS: *First term*, Philosophical Latin; Tusculan Disputations; Ancient Philosophy; Lectures. Three hours a week. *Second term*, (*Elective*). Options are offered as follows: (1) A Study of the Methods of teaching Latin. This includes an examination of the proper aim and province of

Classical study; the Methods of Preparatory Schools; the Inductive Method; the Pronunciation of Latin; Preparation of papers; Illustrative Reading in Cæsar or Cicero; (2) Tacitus: Histories, or Annals, or Germania and Agricola; (3) Suetonius, I. and II.; (4) Lucretius; (5) Quintilian, X. and XII.; (6) Cicero: Brutus, or Letters; (7) Horace: Art of Poetry and other Epistles, or Satires; (8) Seneca: Letters and Moral Essays; (9) Pliny, Letters; (10) Vergil, Georgics. Three hours a week. *Third term*, Roman Literature: Selections from the poets Catullus, Tibullus, Propertius, Lucan, etc.; Sight reading of short selections covering the entire range of the literature. Three hours a week.

SENIORS: *First term*, (*Elective*). Options as follows: (1) Cruttwell's Roman Literature; Lectures on the Origin and Development of the Latin Language; Allen's Remnants of Early Latin; (2) A Play of Plautus and one of Terence with a comparative study of the authors; (3) Selections fromthe Epigrams of Martial and the Satires of Juvenal. Two hours a week. *Second term*, (*Elective*). Latin Seminary. Critical study of an author; Individual Research; Papers. One hour a week. *Third term*, (*Elective*). Latin Seminary. Of the same character as in the preceding term. One hour a week.

3.—GREEK.

The subjects taught in this department are the Language and Literature of Ancient Greece.

In teaching the LANGUAGE, the aim is to enrich the student's English vocabulary, to develop within him a power of interpretation and continuous attention, and to cultivate the accurate and fluent use of words. Attention is given to the application of grammatical laws, to the oral and written translation of Greek into English and English into Greek, the distinction of synonyms, the comparison of idioms, the growth and decay in the forms and sense of words, together

with the laws of their interchange among the cognate tongues.

In the higher classes, the text is examined with special reference to the style, subject matter and spirit of the author.

The study of the HISTORY, GEOGRAPHY and ARCHÆOLOGY is pursued not only for the intrinsic value of these subjects, but also to give a just appreciation of the spirit of the authors read and the age in which they lived, and thus lift the work of translation up from the mechanical transfer of words, to the higher study of humanity.

Students taking the elective work should have a reading knowledge of German.

FRESHMAN YEAR: *First term*, Homer, Iliad, four books. Review of Inflection in Goodwin's Greek Grammar. Supplementary reading, Gladstone's Homer (Literature Primer Series). Lectures on Greek language and life in Homeric literature. *Second term*, Thucydides, or Xenophon's Hellenica. Syntax, Goodwin's Greek Grammar. Supplementary reading, Epochs of Ancient History. Lectures on the development of the political and social institutions of Greece. *Third term*, Æschylus, Prometheus Bound. The Antigone of Sophocles may be substituted in alternate years. Versification. Lectures on the development and growth of Greek Tragedy.

SOPHOMORE YEAR: *First term*, Plato, Apology. Sight reading from the Memorabilia and Symposium of Xenophon. Boise's Greek Syntax. Lectures on Greek Philosophy. *Third term*, Aristophanes, Clouds or Frogs. Supplementary reading, Haigh's Attic Theatre, Schlegel's Dramatic Art and Literature, and Moulton's Ancient Classical Drama. Lectures on old and modern Greek life.

JUNIOR YEAR: *Second term* (elective), Demosthenes. Each member will read privately selections from one of the Orators and present a thesis upon some assigned topic. Lectures on Athenian oratory, and legal procedure.

SENIOR YEAR: *First term* (elective for Juniors and Seniors), Hellenistic Greek. Selections will be read from the New Testament. The linguistic side will be critically examined. *Second term* (elective), Pindar. Selected odes with a study of the history of Greek lyric poetry. Selected tragedies of Æschylus, Sophocles, and Euripides, or a critical study of the Odyssey may be substituted.

4.—MODERN LANGUAGES.

GERMAN, Classical Course: *First term*, Elements of grammar, translation of English into German, and German into English. *Second and third terms*, Advanced grammar, German composition and translation. Latin Scientific and Science Courses: *First term*, Review of elements of grammar and sentence construction, German composition, modern prose. *Second term*, Advanced grammar, composition, classic prose. *Third term*, Grammar, word derivation and composition, classic prose.

The following courses, A and B, are pursued alternately during the second and third years:

COURSE A.—Advanced grammar. Study of the great poets of the last century, also of scientific and philosophic prose. Sight reading. Verbal and written translation of English prose (this year, 1892, The Vicar of Wakefield.)

COURSE B.—Advanced grammar. Study of the great prose writers of this and the last century, also of scientific and philosophic prose. Sight reading. German composition, descriptive, narrative, epistolary and conversational. History of Literature.

Books used: Joynes-Meissner's German Grammar. Whitney's German Grammar. Ahn-Henn's Synopsis of German Grammar. Maerchen of Grimm, Andersen, Hauff. Selections from the works of Goethe, Schiller, Lessing, Heine, Hauff, Auerbach, Riehl, Archenholtz, Freitag, Heyse, Niebuhr. Litteraturgeschichte von Kluge, Koenig, Moebius,

Keller, Mustersammlung deutscher Gedichte, Steiger's Colloquial Method, Gore's German Science Reader.

A German club has been organized presided over by Dr. Heddæus for practice in German conversation.

FRENCH: *First year*, Elements of French grammar; written and verbal translations of French-English and English-French. Sight reading and translating of classical and scientific prose. Conversational French.

The following courses, A and B, are pursued alternately during the second and third years:

COURSE A.—Advanced French grammar and translations English-French and French-English. Philosophic and scientific prose reading. Reading of representative poetic works of Racine, Moliere, Corneille, Bossuet, Pascal. Study of Marcillac's Manual d'Histoire de la Litterature Française. Sight reading. Conversation. Lectures.

COURSE B.—Advanced French grammar. Translations English French and French-English. Reading of Jenkin's Les Prosateurs Français du XIX. Siecle, by C. Fontaine, and of Scientific Prose from Periodical Literature. Historical grammar. Conversation. Sight reading. Lectures.

Books used: Chardenal's Conversational Method. Edgren's French Grammar. Selections from the works of About, Halevy, Hugo, Daudet, Sand, DeVigny, Flammarion, Greville, Corneille, Molière, Racine, Boileau, La Fontaine, Bossuet, Pascal, Voltaire and others. Marcillac's Manuel d'Histoire de la Litterature Française. *Simples Lectures* sur les Sciences, les Arts et l'Industrie, by J. Garrigues and Boutet de Monvel. C. Fontaine's Prosateurs du XIX. Siecle. Brachet, Historical Grammar.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's College)—Quadratic equations, reviewed, calculus of radicals, theory of indeterminate coefficients, binomial theorem and its application

to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving higher equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry, (Bowser's)—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic sections.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectifications and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced integrations, elective in the Classical and Latin-Scientific courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin-Scientific courses, required in the Science course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy—Four courses are offered in this subject:

1. General Astronomy for one term, embracing the elementary principles of Spherical and Physical Astronomy, such as parallax, refraction, precession and aberration, together with a summary of Descriptive Astronomy.

2. Practical Astronomy extending through two terms, in the first of which the instrument chiefly used is the sextant and in the second as thorough a study as the time will permit is made of the transit, equatorial and filar micrometer.

3. Physical Astronomy, one term, in which the principles of this branch of the subject are more fully treated than in the course in General Astronomy.

4. Spectrum Analysis for two terms, leading to a knowledge of the methods employed in the New Astronomy.

6.—Chemistry.

During the Freshman year, the students in the Science course pursue Introductory Chemistry. The work consists partly of lectures and recitations and partly of experiments in the laboratory. The students are taught the proper method of performing chemical operations, the action of the common reagents, and the construction and use of the apparatus necessary for laboratory work.

Notes are required to be taken both of the work in the class-room and of the experiments in the laboratory. These notes must be written in proper form and submitted from time to time for inspection.

During the first and second terms of the Sophomore year, Theoretical and Descriptive Chemistry is taught by class exercises. At the same time the students also perform, in the chemical laboratory, a series of experiments fully illustrating the work of the class-room.

In the Junior year, there is given a complete course in qualitative and quantitative analysis by the gravimetric method, and in the third term a course in qualitative blow-pipe analysis.

In the Senior year the work consists of Volumetric Analysis, theoretical and practical work in Organic Chemistry, and Crucible and Blow-pipe Assaying.

In the Classical and Latin-Scientific courses the work in Chemistry begins in the Junior year, in the second and third terms of which the course is in Theoretic and Descriptive Chemistry. This is followed in the Senior year by a complete course in qualitative and quantitative analysis.

7.—Physics.

During the Sophomore year a general course of lectures is delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, the Correlation and Conservation of Energy, Heat and Light.

The notes taken of the lectures in the class-room are required to be put into proper form and transcribed into a note-book. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations upon all subjects lectured upon are held throughout the term. The percentage made at these examinations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determine the standing of the student.

Elective Physics.—Electricity and Magnetism, which have assumed such importance in modern times, have been selected for the course in Elective Physics, in the Junior year, to train students in the methods of physical enquiry and to introduce them into the knowlege of physical measurements. This is followed in the Senior year by laboratory work in the subjects Heat and Light. For this purpose a Physical Laboratory has been fitted up with convenient tables for work. Complete sets of apparatus and measuring instruments have been provided for the use of students by the trustees, and through the liberality of Mrs. Dr. J. Dorman Steele the Laboratory and Physical Cabinet have been fully equipped with *standard* instruments of the most recent and improved pattern, constructed for the institution by the best makers abroad. The tool-room, furnished with lathes and planer and other necessary tools, porvides the requisites for the setting up of apparatus and the making of such simple accessory apparatus as may be

demanded by the course of lectures given. The subjects are treated by lectures, in which the theories are developed and instructions given for the successful performance of experiments in illustration of the fundamental facts of the science. The course in Physics is intended to enable those who may wish to teach this subject to acquire the skill necessary for successful experimentation and accuracy in physical measurements. Electricity and magnetism are treated with sufficient fullness to serve as a sound basis for those who desire to make electric engineering their profession.

8.—Spectroscopy.

A course in Spectrum Analysis, covering three terms, has been arranged for students making Physics, Chemistry and Astronomy their specialties. In the first term the solar spectrum is studied, and the Fraunhofer lines are plotted and used for reference lines in all future work. The flame spectra are then observed, and after plotting any apparent coincidences of lines are investigated by means of the comparison prism. The second term is devoted to the study of spark spectra, using both solutions and metal electrodes, and in addition such gases as may be deemed advisable. This is followed in the Senior year by the study of the absorption spectra of solutions and their modifications by reagents. Attention is also directed to the construction of the interpolation curve for the conversion of the readings of the dispersion spectrum into wave lengths, the use of the diffraction grating and the direct determination of wave lengths.

9.—Biology and Geology.

Biology is required in all courses during the third term of the Sophomore year, and is introductory to the regular courses announced below. To students showing special aptness in the preliminary course there is offered opportunity for continuous work along special lines during both

the Junior and Senior years. This consists, in the main, of practical laboratory investigation of animal and plant structure and development.

The opportunities and facilities for work in this department have been considerably enlarged during the current year. Important additions have been made in apparatus and laboratory appointments. Among them may be mentioned: An importation from the best European makers of twelve microscopes; a new model Reichert Microtome; two latest improved Abbe camera-lucidas; Dr. Fleischl's hemometer; Wiesnegg's patent incubator, and hot-air sterilizer, with thermostats, thermometers, etc., for detailed work in bacteriology; a series of Leuckart's Zoological charts; a typical series of osteological preparations, skeletons, anatomical models, etc.

Geology is required in each course during the second term of the Senior year, and is also elective during the following term. The elective course comprises considerable practical field-work.

Methods of instruction depend largely upon the nature of the subject. In Biology it comprises lectures, laboratory determinations, quizzes, and collateral reading. In Geology, LeConte's Elements constitute the basis of the course, but this is supplemented by such collateral work in the way of excursions, surveys, etc., as may be deemed helpful.

The following elective courses in Biology are offered for the year 1893-4:

I. General Zoology: The first term will be devoted to detailed laboratory study of Invertebrates. This will be followed during the second term by a similar study of Vertebrates. The foundation of the course will be laid in a consecutive series of lectures upon general morphology, supplemented by constant reference to the literature of the subject, which the student will be required to consult.

expression. In Orthoepy, the preferred pronunciation of Webster's Unabridged Dictionary is taken as the standard.

Consecutively, during the Freshman and Sophomore years, are given and practiced various fundamental exercises in breathing, articulation, etc.

SCHEDULE.

		ENGLISH CRITICISM.	ELOCUTION.	ESSAYS AND ORATIONS.
FRESHMAN YEAR.	FIRST TERM.	Genung's Practical Rhetoric.	The *Science* of Elocution, Phonology, and Physical Exercises.	Three Essays of from 500 to 600 words each.
	SECOND TERM.	Genung's Practical Rhetoric and Rhetorical Analysis.	The *Art* of Elocution. Reading of Emerson's Evolution of Expression.	Three Essays of from 500 to 600 words each.
	THIRD TERM.	Genung's Practical Rhetoric and Rhetorical Analysis.	The *Art* of Elocution. Reading of Emerson's Evolution of Expression.	Three Essays of from 500 to 600 words each.
SOPHOMORE YEAR.	FIRST TERM.	Minto's Manual of English Prose.	Bacon's Manual of Gesture, with notes on Delsarte.	Three Essays of from 600 to 700 words each.
	SECOND TERM.	Minto's Manual of English Prose,	Three Forensic Declamations.	No Essays required.
	THIRD TERM.	Analysis of Prose Masterpieces.	Reading of Shakespeare, with notes on the Interpretation of his Characters. (*Elective.*)	Three Essays of from 600 to 700 words each.
JUNIOR YEAR.	FIRST TERM.	Meiklejohn's Hist'y of the English Language; pp. 193-268.	Three Semi-Dramatic Declamations.	One Chapel Oration or Essay of from 700 to 800 words
	SECOND TERM.	Corson's Hand Book of Anglo-Saxon and Early English.	Debates on Prescribed Questions, with References.	Same as first term.
	THIRD TERM.	Corson's Hand Book of Anglo-Saxon and Early English.	Choice between Shakespearian Readings and Debating.	Same as first term.
SENIOR YEAR.	FIRST TERM.			One Oration or Essay of 800 words, delivered in the College Chapel.
	SECOND TERM.			Same as first term.
	THIRD TERM.	Analysis of Poetic Masterpieces. (*Elective.*)		One Commencement Oration or Essay of 800 words.

All essays and orations are carefully revised by noting, in the margin, every principle of form or style there violated. The best of the Freshman and Sophomore essays are read in class, and the essays and orations of the Junior and Senior year are delivered in chapel. Selections are made from the Commencement orations for delivery at Commencement.

Early English.—An elective course of one hour per week in each term of the Junior year is provided in (1) History of the English Language, (2) Anglo-Saxon, (3) Early English. The course is consecutive, and is intended to give the student a working knowledge of the origin of his native tongue.

12.—Philosophy and Pedagogy.

Psychology.—Psychology occupies three hours a week during the entire Junior year. It is taught by text-book and lectures under the forms of

1. Empirical Psychology;
2. Rational Psychology—Logic;
3. Applied Psychology—Pedagogy.

During the first and second terms of the Junior year one hour additional to the above may be elected for the investigation and discussion of special topics in Psychology by the Seminary method.

Pedagogy.—During the third term of both Junior and Senior years elective classes in Pedagogy are formed for the study of educational systems and methods. The study of Pedagogy has been introduced in order to meet the growing demands of such as purpose to make teaching their life work.

Ethics.—Ethics is a required study during the first term of the Senior year. It is the aim by text-book, lecture and discussion to develop in the mind of the student clearer views of the foundation of moral obligation, the conscience and the moral law. Much attention is given to recent ethical discussion and the student is referred to and encouraged in

collateral reading. A Thesis on some topic germane to the term's study is required from each.

History of Philosophy.—The History of Philosophy is pursued during the second and third terms of the Senior year, occupying three hours a week.

Attention is mainly devoted to certain great representative names, such as Bacon, Des Cartes, Spinoza, Locke, Leibnitz, Hume, Reid, Kant, Hegel, Hamilton and others. Lectures and written disquisitions are used as supplementary to the text-book.

Evidences of Christianity.—During the last term of the Senior year five hours a week are given to recitations in the History and Philosophy of the Evidences of Christianity.

13.—History and Political Science.

History.—The University calls attention to the fact that it is prepared to offer unusual facilities for graduate courses in European history to students who have command of the German and French languages. The presence here of the great library of the celebrated Von Ranke, opens to such students a vast quantity of the primary sources of European history.

The work planned below, as a whole, aims at a knowledge of the institutional life of the progressive Aryan nations. Emphasis will be upon the origin and growth of ideas as the end and upon external events only as means. The following courses are planned with this end in view:

I. Medieval and Modern History. The purpose here is to organize the general movements of political, religious, educational, industrial and social institutions into a historical whole. Material—Myer's Medieval and Modern History as an outline, readings in the library, and work with original matter.

II. From the Revival of Learning to the Treaty of Westphalia. This course has for its problem the origin and embodiment of the Protestant Impulse in

political, religious, and social life. Material—Seebohm's Protestant Revolution and Gardiner's Thirty Years' War as outlines, readings in the library, and work with fragments from the sources.

III. English History from the Tudors to William and Mary. This course aims, by mastering the leading phases of English life, to lay the foundation for an intelligent study of English and early American constitutional history. Material—Greene's Short History as an outline, readings in the library, and study of historical documents.

IV. English Constitutional History. The evolution of the English constitution is the theme. Material—Creasy's Rise and Progress of the English Constitution as the outline, readings, and work with primary sources.

V. American Political and Constitutional History to 1789. Theme: Growth of the American Constitution out of English precedents, Colonial practice, and Revolutionary philosophy. Material—Outline lectures, readings, and work with primary sources.

VI. American Political History from 1789 to 1880. Theme: Rise of the Spirit of Nationality and its embodiment in political organizations, measures and customs. Material—Johnston's American Politics as an outline, reading, and work on original matter.

VII. American Historical Seminary. The purpose is to furnish the student the opportunity to investigate interesting topics, and to develop the method and spirit of historical research. Work with the sources.

VIII. French Revolution. A study of its causes and leading phases. Emphasis will be given to comparisons and contrasts with the English and American Revolutions.

Course I. is required. Course III. must precede course IV. Courses III. and IV. are recommended as a preparation for courses V. and VI. Courses V. and VI. must precede course VII. Courses III. and V. must be taken before course VIII.

Political Economy.—The general aim is to give insight into the nature of economic science, and to see its application in the business world. The following courses are offered for the present :

I. Elements of Economics. Material—Wayland Chapin used as an outline, readings, and observations.

II. Finance. A study of money, with Jevon's Money and Mechanism of Exchange as the basis for discussions. Readings.

III. Economic Readings. This is a study of great authors and their systems.

These courses are all elective, and must be taken in the order given above.

PARALLEL COURSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

A student may pursue as an elective any study in any course for which he is qualified.

		CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE. See note on the Science Course.
FRESHMAN YEAR.	FIRST TERM.	Algebra, 4. English Literature, 3. Latin, 4. Greek, 3. English Critlcism, 1. Elocution, 1.	Algebra, 4. English Literature, 3. Latin, 4. German, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3. French, 2. Free Hand Drawing, 2. English Literature, 3. English Criticism, 1.
	SECOND TERM	Algebra, 4. Latin, 4. Greek, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 3. English Criticism, 1. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3. French, 2. Free Hand Drawing, 2. English Literature, 3. English Criticism, 1.
	THIRD TERM.	Geometry, 5. Latin, 3. Greek, 5. English Criticism, 2. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. English Criticism, 2. Elocution, 1.	Geometry, 5. Introductory Chemistry, 2. German, 4. French, 2. Mechanical Drafting, 2. English Criticism, 2.

SOPHOMORE YEAR.

FIRST TERM.	SECOND TERM.	THIRD TERM.
Trigonometry, 4.	Trigonometry, 4.	Trigonometry, 4.
Medieval History, 2.	Medieval History, 2.	Physics, 3.
German, 3.	German, 3.	Chemistry, 3.
Physics, 3.	Physics, 3.	German, 3.
Greek, 3.	Free Hand Drawing, 2.	Perspective Drawing, 3.
English Criticism, 1.	English Criticism, 1.	
Elocution, 1.	Elocution, 1.	
Analytic Geometry, 4.	Analytic Geometry, 4.	Analytic Geometry, 4.
Medieval and Modern History, 3.	Medieval and Modern History, 3.	Physics, 3.
German, 3.	German, 3.	Chemistry, 3.
Physics, 3.	Physics, 3.	German, 3.
Latin, 3.	Latin, 3.	Perspective Drawing, 3.
English Criticism, 1.	English Criticism, 1.	
Elocution, 1.	Elocution, 1.	
Biology, 2.	Biology, 2.	Calculus, 4.
Calculus, 4.	Calculus, 4.	Surveying, 3.
Modern History, 2.	Modern History, 2.	Physics, 3.
German, 4.	German, 3.	Biology, 2.
Greek, 3.	English Criticism, 1.	German, 1.
English Criticism, 1.	Elocution, 1.	
Elocution, 1.	*Surveying*, 3.	
Surveying, 3.		

JUNIOR YEAR.

FIRST TERM.

French, 3.
Latin, 3.
Elocution, 1.
Empirical Psychology, 3.
Empirical Psychology—Seminary, 1.
Calculus, 4.
Physics, 3.
Botany or Zoology, 3.
Hist. Reformation and 30 years war, 3.
German, 3.
Hebrew, 2.
Free Hand Drawing, 2.

French, 3.
Latin, 3.
Elocution, 1.
Empirical Psychology, 3.
Empirical Psychology—Seminary, 1.
Calculus, 4.
Physics, 3.
Botany or Zoology, 3.
Hist. Reformation and 30 years war, 3.

1 French, 4.
2 *Calculus*, 4.
3 *Physics (Statical Electricity)*, 3.
4 *Analytic Chemistry (Gravimetric)*, 3.
5 *Botany (Structural)*, 3.
6 *Zoology (Invertebrates)*, 4.
7 *Spectrum Analysis*, 2.
8 *Medieval History*, 2.
9 *Empirical Psychology*, 3 *plus* 1.

SECOND TERM.

French, 3.
Astronomy, 4.
Chemistry, 2.
Elocution, 1.
Rational Psychology—Logic, 3.
Rational Psychology—Seminary, 1.
Latin, 3.
English History, 1509–1688, 3.
Physics, 3.
Zoology, 4.
German, 3.
Hebrew, 2.
Greek Comedy, 3.

French, 3.
Astronomy, 4.
Chemistry, 2.
Elocution, 1.
Rational Psychology—Logic, 3.
Rational Psychology—Seminary, 1.
Latin, 3.
English History, 1509–1688, 3.
Physics, 3.
Zoology, 4.

1 French, 3.
2 General Astronomy, 4.
3 *Physics (Magnetism)*, 3.
4 *Analytic Chemistry (Gravimetric)*, 3.
5 *Zoology (Vertebrates)*, 4.
6 *Spectrum Analysis*, 2.
7 *Medieval and Modern History*, 3.
8 *Rational Psychology—Logic*, 3 *plus* 1.
9 *Botany*, 3.

THIRD TERM.

French, 3.
Chemistry, 4.
Latin, 3.
Elocution, 1.
Mechanics, 5.
Physics, 3.
Applied Psychology—Pedagogy, 4.
Const. History of England, 3.
Early English, 1.
Spherical and Practical Astronomy, 2.
German, 3.
Hebrew, 2.
Morphology, 2.
Blow Pipe Analysis, 2.

French, 3.
Chemistry, 4.
Latin, 3.
Elocution, 1.
Mechanics, 5.
Physics, 3.
Applied Psychology—Pedagogy, 4.
Const. History of England, 3.
Early English, 1.
Spherical and Practical Astronomy, 2.
Morphology, 2.
Blow Pipe Analysis, 2.

1 French, 2.
2 *Mechanics*, 5.
3 *Physics (Dynamical Electricity)*, 3.
4 *Analytic Chemistry (Gravimetric)*, 3.
5 *Blow Pipe Analysis*, 2.
6 *Systematic Zoology*, 3.
7 *Embryology*, 3.
8 *Spherical and Practical Astronomy*, 2.
9 *Modern History*, 2.
10 *Pedagogy*, 4.
11 *Morphology*, 2.
12 *Botany*, 3.

SENIOR YEAR.

FIRST TERM.

Ethics, 4.
Political Economy, 3.
Polit. and Const. History of America to 1789, 3.
Esthetics, 1.
French Literature, 2.
Roman Literature, 2.
Analytic Chemistry, 3.
Mineralogy, 2.
Spherical and Practical Astronomy, 2.
Greek Testament, 3.
Pedagogy of History, 1.

Ethics, 4.
Political Economy, 3.
Polit. and Const. History of America to 1789, 3.
Esthetics, 1.
French Literature, 2.
Roman Literature, 2.
Analytic Chemistry, 3.
Mineralogy, 2.
Spherical and Practical Astronomy, 2.
Pedagogy of History, 1.

1 Ethics, 4.
2 *Physics (Heat and Light)*, 2.
3 *Crystallography and Mineralogy*, 2.
4 *Volumetric Analysis*, 2.
5 *Organic Chemistry*, 2.
6 *Comparative Anatomy and Physiology*, 2.
Osteology, 1.
7 *Spherical and Practical Astronomy*, 2.
8 *Polit. and Const. History of America to 1789*, 3.
9 *Political Economy*, 3.

SECOND TERM.

History of Philosophy, 3.
English Literature, 4.
Geology, 2.
Political Economy—Finance, 2.
Political History of America, 1789-1880, 3.
Art History, 1.
French Literature, 2.
German Literature, 2.
Analytic Chemistry, 3.
Physical Astronomy, 2.
Bible History and Ethics, 3.
Greek Tragedy, 3.
Latin, 1.

History of Philosophy, 3.
English Literature, 4.
Geology, 2.
Political Economy—Finance, 2.
Political History of America, 1789-1880, 3.
Art History, 1.
French Literature, 2.
German Literature, 2.
Analytic Chemistry, 3.
Physical Astronomy, 2.
Bible History and Ethics, 3.
Latin, 1.

1 History of Philosophy, 3.
2 Geology, 2.
3 *Crucible and Blow Pipe Assaying*, 2.
4 *Comparative Anatomy and Physiology*, 2.
5 *Spectroscopy*, 2.
6 *Physical Astronomy*, 2.
7 *Political History of U. S.*, 1789-1880, 3.
8 *Political Economy—Finance*, 2.
9 *Histology*, 1.

THIRD TERM.

Evidences of Christianity, 5.
History of Philosophy, 3.
Political Economy—Readings, 2.
American History—Seminary, 2.
Art History, 1.
French Revolution, 2.
Pedagogy, 4.
French Literature, 2.
German Literature, 2.
Geology, 2.
Analytic Chemistry, 2.
Rhetoric, 2.
Latin, 1.

Evidences of Christianity, 5.
History of Philosophy, 3.
Political Economy—Readings, 2.
American History—Seminary, 2.
Art History, 1.
French Revolution, 2.
Pedagogy, 4.
French Literature, 2.
German Literature, 2.
Geology, 2.
Analytic Chemistry, 2.
Rhetoric, 2.
Latin, 1.

Laboratory Work and Thesis.
Geology, 2.
Bacteriology, 2.

NOTE ON THE SCIENCE COURSE.—Students in the Scienee Course will at the beginning of the Junior year elect one of the groups A, B, C, D, &c., as indicated in the following schedule, and pursue it to the end of his course. The numerals refer to the corresponding subjects as numbered in that course.

		A	B	C	D	E	F	G	H
Junior—	First term.	1, 2, 3, 4, 9.	1, 2, 3, 4, 8.	1, 5, 6, 8, 9.	1, 4, 5, 6, 7.	1, 4, 5, 6, 7, 8.	1, 2, 3, 8, 9.	1, 2, 3, 4, 7.	1, 3, 4, 5, 6.
	Second term....	1, 2, 3, 4, 8.	1, 2, 3, 4, 7.	1, 2, 5, 7, 8.	1, 4, 5, 6, 9.	1, 2, 4, 5, 6, 7.	1, 2, 3, 7, 8.	1, 2, 3, 4, 6.	1, 3, 4, 5, 9.
	Third term.....	1. 2, 3, 4, 10.	1, 2, 3, 4, 5, 9.	1, 6, 7, 9, 10, 11.	1, 4, 5, 7, 11, 12.	1, 4, 5, 6, 7, 9, 11.	1, 2, 3, 5, 9, 10.	1, 2, 3, 4, 5, 8.	1, 3, 4, 7, 11, 12.
Senior—	First term.	1, 2, 3, 4, 5, 9.	1, 2, 4, 5, 8, 9.	1, 5, 6, 8, 9.	1, 3, 4, 5, 6, 9.	1, 4, 5, 6, 8, 9.	1, 2, 3, 5, 8, 9.	1, 2, 3, 4, 5, 7, 8.	1, 2, 3, 5, 6, 9.
	Second term ...	1, 2, 3, 6, 7, 8.	1, 2, 3, 6, 7, 8.	1, 2, 4, 6, 7, 8.	1, 2, 3, 4, 5, 8.	1, 2, 3, 4, 7, 8.	1, 2, 3, 6, 7, 8.	1, 2, 3, 5, 6, 7.	1, 2, 3, 4, 5, 8

In the Third term, Laboratory work and a Thesis are required in each group and the student may elect in addition *Geology*, 2. *Bacteriology*, 2.

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. CHARLES N. SIMS, D. D. LL. D.,
CHANCELLOR.

GEORGE F. COMFORT, L. H. D., DEAN.,
Professor of Esthetics and the History of the Fine Arts.

GEORGE A. PARKER,
Professor of the Piano and Organ.

ELLA I. FRENCH, B. MUS.,
Instructor upon the Piano.

R. FRANK DALLAS, M. P.,
Instructor in Oil Painting and Modeling.

LUELLA M. STEWART,
Instructor in Water-Color Painting and Freehand Drawing.

ELMER J. READ, B. P.,
Instructor in Etching and Freehand Drawing.

RUTH E. GUIBAULT, B. MUS.,
Instructor upon the Piano.

CONRAD L. BECKER,
Instructor upon the Violin.

MARIE LOUISE EVERETT,
Instructor in Vocal Music.

WILLIAM H. BARBER,
Instructor upon the Piano.

EDWARD H. GAGGIN,
Instructor in Drawing.

GORDON A. WRIGHT, B. C. E., B. AR.,
Instructor in Architecture.

WILLIAM H BERWALD,
Instructor upon the Piano and in the History and Theory of Music.

CARRIE CRANE,
Instructor in Vocal Music.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23, 1873, and was inaugurated September 18th, following. It is intended that its scope shall ultimately include instruction in all the Fine Arts, viz.:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phonetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

Courses of instruction in Architecture, Painting, and Music have been organized. Other courses will be added as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, Algebra, including Quadratic Equations, Plane Geometry, and Freehand Drawing sufficient to represent the progress usually made by students in one year of thorough and systematic study.

Candidates for admission to the course in Painting are examined in English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Freehand Drawing sufficient to represent the progress usually made in at least two years of thorough and systematic study.

Candidates for admission to the course in Music are examined in the same studies as for the course in Painting, with the exception that two years of thorough and systematic study in Music replace the two years in Drawing.

Special students, *i. e.*, those not proposing to graduate in either course, may enter at any time and take such branches of study as they are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See calendar.)

An annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, is held during the last week of the collegiate year.

DEGREES.

Persons completing the course in Architecture receive the degree of *Bachelor of Architecture;* the course in Painting, the degree of *Bachelor of Painting;* the course in Music, that of *Bachelor of Music*. Special students may receive certificates of progress and proficiency. Those desiring to do so may take one or more branches of the course in Music without the accompanying literary studies, and when completed may receive a certificate under the seal of the University.

A graduate in either of the above courses who shall have pursued professional work for three years after graduation may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in his particular branch of art; examination in an approved course of reading in Esthetics and in the history of his department of art; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

FELLOWSHIP.

Rev. Hiram Gee has established a fellowship in Painting, yielding an annual revenue of $500, to be available in 1894. Students in painting, who enter this year, may compete for this fellowship, which will be awarded on the basis of merit to persons spending the year following their graduation in the study and work of painting in some art centre.

COURSES OF STUDY.

The following schedules exhibit the courses of study in Arthitecture, Painting and Music. A limited amount of substitution of other equally pertinent, but equally thorough and valuable study may be allowed in any of the courses. But it is required that a course shall be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 10. Free Hand Drawing, 10. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 5. Water Color Painting, 10. Trigonometry, 4. German, 3. Medieval History, 2.	Architectural Drafting, 10. Free Hand Drawing, 10. French, 4. Esthetics, 1. Physics, 3.	Architectural Drafting, 10. Drawing from Casts, 6. Lectures on Art, 3. Modeling, 4. Strength and Use of Materials, 5. Two Essays on Art.
SECOND TERM.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Algebra, 4. Italian, 2. English Criticism, 1. Elocution, 1.	Architectural Drafting, 8. Water Color Painting, 10. Analytic Geometry, 4. German, 3. Modern History, 3.	Architectural Drafting, 10. Descriptive Geometry, 4. Etching, 1. Artistic Anatomy, 5. History of Art, 1. French, 3. Physics, 3.	Architectural Drafting, 10, Drawing from Life, 4. Lectures on Art, 3. Heating and Ventilation, 2. Masonry Construction, 5. Two Essays on Art.
THIRD TERM.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Geometry, 4. Ancient History, 2.	Architectural Drafting, 5. Modeling, 10. Calculus, 4. German, 5. Modern History, 2.	Architectural Drafting, 10. Drawing from Nature, 6. History of Art, 1. French, 2. Trusses and Roofs, 3. Botanical Drawing, 4,	Lectures on Art, 3. Sanitation, 3. Contracts and Specifications, 2. Graduating Piece. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 10. Drawing from the Flat, 10. Italian, 2. English Criticism, 1. Elocution, 1.	Water Color Painting, 10. Drawing from Casts, 4. Drawing from Nature, 6. Medieval History, 2. German, 3.	Oil Painting, 10. Drawing from Casts, 12. Esthetics, 1. French, 4.	Oil Painting, Landscape, 10. Drawing from Nature, 10. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. German Language, 3. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, 10. Drawing from Solids, 10. Italian, 2. English Criticism, 1. Elocution, 1.	Water Color Painting, 10. Artistic Anatomy, 10. Modern History, 3. German, 3.	Oil Painting, 10. Drawing from Casts, 4. Etching, 6. History of Fine Arts in Outline, 1. English Literature, 3. French, 3.	Oil Painting, Figure, 10. Drawing from Life, 10. Decorative Art, 6. History and Styles of Engraving, 1. History of Sculpture, 1. Two Essays on Art.
THIRD TERM.	Linear Perspective, Shades and Shadows, 10. Drawing from Casts, 4. Drawing from Nature, 6, Botanical Drawing, 6. Ancient History, 2.	Water Color Painting, 10. Modeling, 10. Modern History, 2. German, 5.	Oil Painting, 10. Drawing from Life, 10. Modeling, 4. History of Fine Arts in Outline, 1. French, 2.	Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Mus. Theory, Melodies, 2. History of Music, 1. Recital, 1. Medieval History. 2. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Inharmonics, 2. Recital 1. French, 4.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, Quartet Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Polyphonic forms, 2. Recital, 1. German, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. Modern History, 3. German, 3.	Piano, 2. Chltivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Figuration, 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 2. Recital, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Ancient History, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. German, 5.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Homophonic forms, 2. Recital, 1. French, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 1 Recital, 1. History of the Fine Arts, 1. Encyclopedia of Mus. Lit., 1. Graduating Thesis.

Department of Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, history, and practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to students who desire to pursue studies related to the Fine Arts other than those included in the course of this college.

The professors are practical workers in their several departments. The students have access to their studios and offices, and have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

It is the aim to develop talent in such a way that each student shall retain his individuality of character and mannur, and not to shape all by any arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for securing freedom and precision in executing designs. It is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series used in the art schools of England, France and Germany. These include a great variety of subjects

such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical composition, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original designs is introduced in such variety, sequence and extent as is adapted to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of the chief instrument and the manner of executing their own drawings.

Architectural Drafting.

Under this general term in the schedule of studies, is included iustruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition: the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction; the laws and usages in drawing contracts and specifications, in making estimates and measurements, and in superintending the erection of buildings. These subjects will be introduced in such order as may be found desirable with particular students and classes. Instruction is also given in the principles and practice of Decorative Art in its relations to Architecture, and Landscape Gardening.

Oil Painting.

As by far the larger portion of modern painters devote themselves chiefly to painting in oil, much more time is appropriated to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruc-

tion is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are free to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, or to divide their time among several branches.

Linear Perspective.

Linear Perspective is taught scientifically and practically during the first two years of both courses. Thus precision of form is taught in connection with the greater liberty of motion acquired in Freehand Drawing. The projection of Shades and Shadows is taught as a sequence to the projection of the forms of solid bodies.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making molds and casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To some extent this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught to print etching, with an excellent press.

Esthetics.

Instruction is given by lectures in the general principles of the science of Esthetics, which is the foundation of all the Fine Arts The principles of Art Criticism that apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts, in which are traced the leading features of the Fine Arts as a whole, and the relation they have held to other elements of civilization. Courses of lectures are also given upon the history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their relation to ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of the Christian Doctrine in the Fine Arts, and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior year each student is required to present two essays of not less than six hundred words each, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The College of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, painting and the industrial arts. A sufficient number of architectual and other casts have been procured to meet the immediate wants of the College. The Leavenworth-Wolffe collection of engravings, containing 12,000 sheets, is a valuable contribution to the Art treasures of the University.

Graduating Pieces.

Every candidate for graduation in the course in Architecture is required to leave in the College an original Project Drawing, with specifications, before the diploma is given; an original Painting is in like manner required of every graduate in the course in Painting.

Department of Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

The piano is adopted as the basis of study, and will be required of every regular student, at least during the Freshman year.

Students desiring to make a specialty of the violin, or other solo instruments, except the organ, may discontinue the piano after the Freshman year.

Students making a specialty of the organ or the voice may discontinue the piano after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of Music, and which also have a relation to general liberal culture. These are physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The study of musical theory is required of all regular students during the entire course.

The Piano.

Lessons on the piano are given in small classes with such other helps as are deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.--This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, or Koehler's Practical Piano School is used. Also studies by Loeschhorn, Bertini, and occasionally Sonatinas, by Clementi, Krause and others are given.

Second Year. Lebert & Stark, Books I and II; Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn; Duvernoy op. 120; Burgmueller op. 100; Koehler's Progressive Studies, and easy pieces by Gurlitt, Lichner, Kuhlau and others.

2. COLLEGIATE COURSE.—To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year. Lebert & Stark, Books II and III; Heller op. 47; Czerny, School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op, 2; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore Year.—Lebert & Stark, Book III: Heller op. 45 and 46; Czerny op. 740, Books I and II; Bach 2 and 3 voiced Inventions; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramer's Studies (Von Bulow); Heller's Art of Phrasing; Clementi, Gradus ad Parnassum; Bach,

Preludes and Fugues; Moscheles op, 70; Czerny, Fingerfertigkeit, Books III and IV; Kullak and Loeschhorn, Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel ;selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies, Henselt, Etudes; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubenstein, Saint Saens and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.
Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Fred. David, op 45 or 1st part of Gradus and Pernassum, by Jacques Dont; and by easy solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practical. Selections from the following are made according to the ability of the student; Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by Hullweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies by Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, de Beriot; Duettos by Viotti or Spohr.

Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

The Organ.

As the most practical method of preparing for and supplementing the study of the organ, the student will devote the Freshman and Sophomore years to the study of the piano.

Ritter's Art of Organ Playing will be used, together with Schneider's Pedal Studies, the Fugues of Bach, Sonatas of Mendelssohn, Merkel, Rheinberger, Guilmant and other standard compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The one in the University Chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

Cultivation of the Voice.

In this department great care has been exercised in selecting a method of voice training which promises the best possible results. The methods in use, both in this country and Europe, have been investigated and that one adopted which has produced many of the greatest artists of this generation, and which is held in the greatest favor by competent authorities.

The complete works of Madame Marchesi form the basis of instruction. In addition to English ballads and church

music, the student is trained in Italian, German and French songs and selections from oratorios and operas.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which each student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of music, embracing Harmony, Counter point, and the smaller and larger Musical Forms, is taught in classes.

Goetschius' Materials of Musical Compositions is used. The course of study is theoretical, practical, and analytical. Abundant illustrations and explanations upon the piano and at the blackboard are given.

History of Music.

Lectures are given upon the history of music during the Sophomore year, supplemented by frequent lectures upon musical topics, of which the students will be required to make digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument as are qualified to take part in it.

Professional Concerts.

Piano forte and organ recitals and other professional concerts are frequently given by members of the Faculty, and other artists, to which all the students have free admission.

College of Medicine.

Faculty of the College of Medicine.

REV. CHARLES N. SIMS, D. D., LL. D.,
CHANCELLOR.

HENRY D. DIDAMA, M. D., LL. D., DEAN.
Professor of Science and Art of Medicine and Clinical Medicine.

NELSON NIVISON, M. D.,
Emeritus Professor of Physiology and Hygiene.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ADFRED MERCER, M. D.,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Physiology.

WM. H. DUNLAP, M. D., REGISTRAR,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., TREASURER,
Professor of Pathology.

HENRY L. ELSNER, M. D.,
Professor of Clinical Medicine.

DAVID M. TOTMAN, M. D.,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D., LIBRARIAN,
Professor of Ophthalmology and Otology.

NATHAN R. JACOBSON, M. D.,
Professor of Laryngology and Clinical Surgery.

AARON B. MILLER, M. D.,
Professor of Gynæcology.

SCOTT OWEN, M. D.,
Professor of Anatomy.

CEYLON H. LEWIS,
Lecturer on Forensic Medicine.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

REUBEN C. HANCHETT, M. D.
Lecturer on Materia Medica.

FRED W. SEARS, M. D.,
Lecturer on Histology.

WILLIAM H. MAY, M. D.,
Lecturer and Demonstrator in Anatomy and Bacteriology.

HENRY H. PEASE, M. D.,
Demonstrator of Anatomy.

GEORGE M. PRICE, M. D.,
Instructor in Anatomy.

FRANK B. BROOKS, M. D.,
Instructor in Physiology.

THOMAS H. HALSTED,
Instructor in Laryngology and Otology.

BUILDINGS, LIBRARIES, ETC.

The Medical College occupies three brick buildings, eligibly located on Orange street, near the centre of the city, and convenient to the Hospital and Dispensary. Two of these contain the various lecture rooms, the histological and pathological laboratories, library, museums, etc. The amphitheater is well lighted and heated, and furnished with all necessary appliances for properly presenting the various subjects of lectures and demonstrations. All the lecture and recitation rooms have additional apartments connected with them, in which special dissections are made and the various preparations arranged for use in the classes.

In the rear of these two buildings is a third, containing the chemical laboratory and dissecting room, both of which are well lighted and ventilated, and so arranged as to afford every advantage to the student for practical work in these departments.

LIBRARIES.

The Library of the Geneva College of Medicine, with the additions which have since been made to it, is at the service of students. This, with the Von Ranke library, the greatest library of the University, and the public library of Syracuse, offer ample scope for reading and reference in the allied sciences.

COURSE OF INSTRUCTION.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting rooms, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology, Materia Medica and Applied Anatomy.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Therapeutics, Surgery, Practice and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Ophthalmology, Dermatology and Clinics.

All first year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both terms. Students of the second year take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work is Histology and Comparative and Human Anatomy.

TREATMENT OF SUBJECTS.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample convenience of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been able to secure an abundance of anatomical material.

PHYSIOLOGY.—This branch is taught by recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demostrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses, and reproduction.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress,

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CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress,

however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by personal experiment. Medical chemistry and toxicology are taken up in the second year, and the subject of urinary analysis and detection of poisons thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures are given, and in accordance with the practice in every other department, an entire hour is devoted to a careful oral or written examination.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city where Senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected, The manufacturing interests of Syracuse and the numerous railroads centering here open a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the state. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in surgical operations.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observ-

ing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, and how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, which, with the additions that are from time to time being made serves as an important means of instruction.

OPHTHALMOLOGY AND OTOLOGY.—The course of instruction in Ophthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class are required to examine and diagnose the cases.

Special attention is directed to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class in diseases of the skin, combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great centers of the country. St. Joseph's Hospital containing one hundred and three beds, and the House of the Good Shepherd with forty-five beds, constantly furnish abundant material for the medical and surgical clinics. At these hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity is given to all members of the class to examine and study them personally.

The Hospital for Women and Children and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are improved.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY—Quain	Gray, Weisse, Holden.
PHYSIOLOGY—*First year:* Waller, Human Physiology. *Second year:* Kirke, Handbook of Physiology	Foster, Landois & Stirling, Halliburton. Text-book of Chemical Physiology and Pathology. McGregor-Robertson; Elements of Physiological Physics.
CHEMISTRY—Attfield, Tyson.	Richter, Fownes.
SCIENCE AND ART OF MEDICINE—Flint	Bartholow, Loomis, Strumpel, Pepper's System, Osler.
SURGERY—Holmes	International Encyclopedia of Surgery.
MATERIA MED. AND THER H. C. Wood	Bartholow, Brunton, Ringer, Hare.
OBSTETRICS—Lusk	Playfair, Galabin.
GYNÆCOLOGY—Thomas	Skene, American System of Gynæcology.
DISEASES OF CHILDREN—J. Lewis Smith	Meigs & Pepper, Goodhart, Money.
HISTOLOGY—Satterthwaite.	Klein & Smith, Atlas of Histology.
PATHOLOGY—Green	Ziegler, Cornil & Ranvier, Wagner.
HYGIENE—George H. Rohe	Parkes, Buck, Richardson.
OPHTHALMOLOGY—Nettleship	Schmidt, Rumpler & Noyes.
OTOLOGY—Roosa	Politzer.
DERMATOLOGY—Duhring	Fox, Bulkley, Kaposi.
CLINICAL MEDICINE	Da Costa.
DICTIONARIES	Quain, Foster, Dunlingson.

THE COLLEGE YEAR

begins on the first Tuesday in October, and ends on the third Thursday in June. It is divided into two terms, about equal in length.

There are two vacations, one of a little more than one week at the Holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

The law recently passed by the Legislature in regard to the preliminary education of medical students has obviated the necessity for any examination by the Faculty in the common English branches and Natural Philosophy.

A copy of the State law with the equivalents and qualifications accepted by the Regents in lieu of examination, together with other important facts, may be obtained on application to the Registrar of the College of Medicine.

Those intending to begin the study of medicine are advised to apply to the Examinations department, University of the State of New York at Albany, for full information concerning this examination.

In addition to the state examination all students who enter the College of Medicine with the intention of taking the degree of M. D., will be examined in the following subjects:

(*a.*) *Algebra: Through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(*b.*) *Geometry:* First book of Wentworth's Elements of Geometry, or its equivalent.

(*c.*) *Latin:* The translation of a passage selected from one of the first four books of Cæsar's Commentaries, and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

Graduates of recognized Colleges, Scientific Schools, Academies or like institutions, or those who are able to

present certificates from such institutions, certifying to their proficiency in the preliminary studies in sections *a*, *b* and *c*, will not be examined in these studies. Regents' certificates are accepted for the studies which they cover. Candidates who pass all requirements for entrance are admitted unconditionally.

Those who fail in two subjects are admitted conditionally.

Candidates who are conditioned are allowed to enter the classes with the other students, but conditions on entrance examinations must be passed within one year. The examination of students so conditioned will be held on the first Tuesday after the March vacation and the first Tuesday in October. The entrance examinations are held at the College on the first Tuesday in October, at 2 o'clock P. M.

Arrangements have been made by which candidates not prepared in Latin will receive instruction in this language, without extra expense and without interfering with their medical studies.

EXAMINATIONS.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. Examinations are held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The first year examinations in Histology, Materia Medica and General Chemistry, and the second year examinations in Anatomy, Physiology and Medical Chemistry, are final if successful. Special examinations, when ordered by the faculty, may be held at any time to determine the standing of students who enter after the beginning of

either term, but private examinations for promotions to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a certain standard of proficiency.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

Candidates for the second year will be examined on the bones, joints and muscles in Anatomy; on nutrition in Physiology; on the Inorganic part of Attfield's Chemistry; the elements of Histology, presenting thirty different objects, prepared and mounted by themselves; and on Materia Medica.

The above rules apply only to those who intend to take a full course in medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the Degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

Official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination upon the first and second years.

PRIZES.

Two prizes are conferred annually by the College; the first is given to that student who has the highest average general grade for the entire three years of study; the sec-

ond to the one who has achieved the second rank in the general average for the three years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, W. H. Dunlap, M. D., Syracuse, N. Y.

Degrees Conferred by the University

IN 1892.

Doctor of Divinity.

Rev. Oram H McAnulty, - - - - - Oneonta.
Rev. Charles W. Winchester, - - - Corning.
Rev. Charles S. Wing, - - - - - Stamford, Ct.

Doctor of Literature.

Mrs. Esther B. Steele, - - - - Elmira.
Rev. James B. Kenyon, - - - - - Oswego.

Doctor of Music.

Prof. Percy Goetschius, - - - - - Syracuse.

Doctor of Philosophy.

Rev. William A. Broadhurst, M. Ph., Chippewa Falls, Wis., - - - - - - - - - - *on examination*, History.
Rev. Joseph G. Cleveland, A. M., Tokyo, Japan, - - - - - - - - - - *on examination*, Ethics.
Rev. Almon W. Greenman, M. Ph., Montevideo, South America, - - - - - - *on examination*, Christian Evidences.
Prof. Edwin H. Lewis, A. M., Alfred Center, *on examination*, Latin.
Rev. Albert C. Loucks, A. M., Potsdam, - - - - - - - - - *on examination*, Christian Evidences.
Rev. William J. Hunter, Ph. D., D. D., Montreal, Canada, *ad eundem*.

Civil Engineer.

Ambrose C. Driscoll, B. C. E.

Master of Arts.

Mary E. Burdick. *in cursu*,
Frances L. Drake, "
John B. Rogers, "
Wesley H. Benham, *in cursu*.
William H. McKenzie, "
Lowell L. Rogers, "

Charles L. Walsworth, *in cursu*.

William J. Hunter, A. M., *ad eundem*.
Joseph G. Cleveland, A. B., Tokyo, Japan, *on examination*, Ethics.
Samuel G. Harris, A. B., Ovid, *on examination*, Zoology.
Edwin H. Lewis, A. B., Alfred Center, *on examination*, Latin.

Master of Philosophy.

David Keppel, B. Ph., Clyde, *on examination*, Christian Evidences.
William A. Broadhurst, B. Ph., Chippewa Falls, Wis., *on examination*, History

Master of Science.

Frederic Newell Burritt, *in cursu*.
William Smith Murray, B. S., Liverpool, *on examination*, History.

Master of Painting.

Mary Elizabeth Orr, Joseph Elmer Read.

Bachelor of Arts.

Kate Leora Abbott,
Howard J. Banker,
Leon Alanson Carley,
Charles Willis Fyfe,
Genevra Gwynn,
Ernest Frederick Herman,
Sherburn Cilley Hutchinson,
Arthur Gordner Leacock,
Raymond Wright Lowry,
Louise Nicholson,
Eleanor Louise Orr,
Lewis Sauerbrei,
Charles Allen Smith,
Austianna Eliza Taylor,
Frederick Hiram Watkins,
Edward S. Allis,
Thomas Stone Bell.
William Morrison Fanton.
Otto Goebel,
William Hartel,
Edward Lee Hollett,
Olin Ciay Kellogg,
William Dodge Lewis,
Herbert Sumner Miller,
William Chas. O'Donnell,
Frank LeRoy Purdy,
Earl Dorman Shepard,
Avery Warner Skinner,
Everett Prentiss Turner,
Helen Mabel Wood,
Joseph Arthur Wright.

Bachelor of Philosophy.

Jacob Hagar Carfrey,
Annie May Knapp,
Jessica Beatrice Marshall,
Mary Ella Reed,
Lepine Hall Rice,
Frederick Carl Straub,
Charles Frederick Wiley,
Dorr Raymond Cobb,
Ina Delia Mercer,
Irving Cornelius Rankin,
Jonas Merriam Rice,
Philip Frank Schneider,
Luther Ogden Wadleigh,
Olin W. Wood.

Bachelor of Science.

James Lynn Barnard.
Albert Washington Emerson,
Ella Mahala Hall,
George Edwin Stright,
Edmund Le Roy Dow,
Marcus Louis Glazer,
Dee Wolcott Pierce,
Mary S. Trowbridge,
Mary Eugenia Wright.

Bachelor of Architecture.

Edwin Hall Gaggin,
Frank Wheat Kirkland,
Frank S. Husted, B. S.,
Fred. Webster Sherwin,
Gordon Almond Wright, B. C. E.

Bachelor of Music.

Myra Irene Husted,
Stella Francis Kingsley,
Clara Belle Orr,
Kate Scott Rollo,
Jessie Edith Jones.
Olive Crawford Moorhead,
Edith Palmer,
Nina Weston,

Bachelor of Painting.

Francis Fish Brewer,
Edith Florence Countryman,
Jeannette Mercer,
Martha Celetta Carter,
Albert Eugene Hall,
Georgie Rose,
Mary Mereness Sandhovel.

Doctor of Medicine.

Ellis Crane,
William D. Johnson,
Louis K. Peck,
Charles D. Vernooy,
Francis G. Englehardt,
Stepney T. Langhorn, A.B.,
Walter A. Scott,
Ulysses G. Williams,
Edward J. Wynkoop.

Students.

POST-GRADUATES.*

(Candidates for Ph. D.)

Prof. Isaac M. Agard, A. M.,	Rockville, Conn.
Gertrude Allen, A. M.,	Albion, Mich.
Rev. Wilbur F. Atchinson, A. B.,	Desplaines, Ill.
Prof. Benjamin F. Austin, A. M., B. D.,	St. Thomas, Ont.
Rev. William E. E. Barcus, A. B.,	Midway, Pa.
Rev. Charles H. Bassett, A. B.,	Cleveland, N. Y.
Minnie M. Beebe, A. B ,	Kingston, Pa.
Rev. John H. Bickford, A. B.,	Rushville, Ind.
Prof. John D. Bigelow, A. M.,	Moravia, N. Y.
Rev. Edwin A. Blake, A. M.,	Brooklyn, N. Y.
Prof. Charles C. Brill, A. M.,	Northfield, Vt.
William H. Brokenshire, A. B.,	Mito, Japan.
Rev. John Willoughby Brown, A. B.,	Raynham, Mass.
Prof. William L. Bulkley, A. B.,	Orangeburg, S. C.
Prof. George G. Brower, B. S.,	Ithaca, N. Y.
Rev. Robert Burns, B. Ph.,	Ingersoll, Ont.
Rev. Solomon Cleaver, A. B.,	St. Catharines, Ont.
Rev. William Colden, A. M.,	New York.
Prof. Levi L. Conant, A. B.,	Worcester, Mass.
Rev. Horace Alonzo Crane, A. M.,	Bombay, India.
Prof. Corinth Le Duc Crook, B. S.,	College Park, Cal.
Rev. Thomas R. Crooks, A. B.,	Philadelphia, Pa.

* NOTE.—Matriculants are requested to report to the Dean annually. Those not heard from for three years are presumed to have abandoned the course and are dropped from the list. Their names can be restored, however, on application and report.

Rev. William J. Crothers, A. B., - Port Hope, Ont.
Prof. Abial B. Davis, B. Ph., - Salamanca, N. Y.
Prof. Nicholas H. Davis, B. D., - Ness City, Kan.
Wlliam A. Deaton, A. B., - New Carlisle, O.
Prof. Stephen T. Dial, A. B., - Lockland, O.
Prof. Adelaide Lynn Dicklow, B. Ph., Ottawa, Kan
Rev. Clarence L. Diven, A. M., B. D., Plantsville, Conn.
Rev. Joseph O. Dobson, Ph. M., - Deadwood, Dak.
Rev. Bluford W. Dodson, A. B., - Clarksville, Tenn.
Prof. John G. Dunlop, A. B., - Hamamatsu, Japan.
Rev. Alfred H. Eaton, A. B., - Green Island, N. Y.
Prof. Albert W. Emerson, B. S., Onondaga Valley, N. Y.
Prof. Wilbert P. Ferguson, A. B., B. D., Mt. Pleasant, Ia.
Rev. Seymour C. Ferris, A. B., East Worcester, N. Y.
Prof. Anna A. Fisher, A. B., - Denver, Col.
Rev. Oscar L. Fisher, A. M., - Fort Worth, Texas.
Prof. Edward W. Flagg, A. M., - Potsdam, N. Y.
Prof. William Y. Foote, A. B., - Syracuse, N. Y.
Prof. Charles W. Foreman, M. S., - Fort Edward, N. Y.
Rev. John L. Franklin, A. B., B. D., Buffalo, N. Y.
Prof. Charles W. French, A. M., - La Grange, Ill.
Prof. Abraham L. Gaines, A. B., B. D., Atlanta, Ga.
Rev. George Gaul, A. M., - Columbia, Pa.
Rev. Clark B. Gillette, A. M., - Elmira, N. Y.
Rev. James Gosnell, A. B., - Rochester, N. Y.
Sylvia F. Gosnell, A. B., - Rochester, N. Y.
Rev. Edmund J. Gwynn, A. M., - Belmont, N. Y.
Hannah E. Haley, A. M., - Lowell, Mass.
Rev. Henry H. Harris, A. M., - Minooka, Pa.
Prof. Samuel G. Harris, A. B., - Ovid, N. Y.
Rev. Johnson Henderson, A. M., - Churchville, N. Y.
Prof. Jane S. Higham, A. M., - Rome. N. Y.
Prof. Herbert M. Hill, A. M., - Buffalo, N. Y.
Rev. Marion W. Hissey, B. S., - Boulder, Col.
Rev. Julius C. Hitchcock, A. M., - Warners, N. Y.
Prof. W. Newton Holmes, A. B., - Staunton, Va.
Rev. Marquis D. Hornbeck, A. M., S. T. B., Quincey, Ill.
Orrin Z. Hubbell, - Elkhart, Ind.

Rev. Bruce Hughes, A. B., - McKees Gap, Pa.
Prin. Ray G. Huling, A. M., New Bedford, Mass.
Prof. Lincoln Hulley, A. B., - Lewisburg, Pa.
Prof. Minnie C. Jay, A. M., B. D., University Place, Neb.
Rev. Henry T. Johnson, A. B., - Hot Springs, Ark.
Rev. Matthias S. Kaufman, A. B., - New Bedford, Mass
Prof. Olin C. Kellogg, A. B., - Cazenovia, N. Y.
Rev. David Keppel, M. Ph., - Clyde, N. Y.
Rev. Charles F. Kupper, A. M., B. D., Chin-Kiang, China
Rev. Alpha G. Kynett, A. M., B. D., Pottstown, Pa.
Rev. Joseph T. Ladd, A. M., - Wheaton, Ill.
Grace B. Latimer, B. S., - Oneonta, N. Y.
Rev. William W. Leslie, A. B., - East Plymouth, O.
Rev. William D. Marsh, A. M., - Malone, N. Y.
Prof. Oscar W. Martin, A. M., - Loveland, O.
Rev. Madison C. B. Mason, A. M., Atlanta, Ga.
Prof. Byron C. Mathews, A. M., - Newark, N. J.
Champe D. McCulloch, Jr., A.B., M.D., Waco, Tex.
Rev. William E. McLennan, A. M., South Bend, Ind.
Prof. Granville H. Meixell, A. M., - Tiffin, O.
Prof. P. C. Mensche, A. M., M. D., Ph. D., Pennsburg, Pa.
Prof. George A. Mulfinger, A. M., B. D., Mt. Pleasant, Ia.
Prof. William S. Murray, B. S., - Liverpool, N. Y.
Rev. Julian H. Myers, A. M., - Clinton, N. Y.
Rev. Trusten P. Newberry, B. S., - Ambler, Pa.
Prof. Walter R. Newton, A. B., New Brunswick, N. J.
Prof. Ella S. Nicholson, A. B., - Mt. Pleasant, Ia.
Rev. Carleton H. Norris, B. Ph,, - Friendship, N. Y.
Prof. Edwin F. Norton, A. M., - Olivet, Mich.
Rev. William B. Norton, A. M., - Earlville, Ind.
Prof. Charles S. Parmenter, A. M., - Baldwin, Kan.
Prof. Henry Pease, A. M., - Medina, N. Y.
Rev. Barton W. Perry, A. B., - Rochester, N. Y.
Rev. Chester A. Place, A. B., - Blue Island, Ill.
Rev. Mason W. Pressly, A. B., Bovina Centre, N. Y.
Rev. Emerson P. Roberts, A. M., - Milton, Del.
Rev. Charles S. Robertson, A. B., W. Sand Lake, N. Y.

Rev. William D. Rockwell, A. M., Syracuse, N. Y.
Prof. John B. Rogers, A. B., - Erie, Pa.
Prof. Morgan R. Sanford, B. S. - Wilbraham, Mass.
Rev. William O. Shepard, A. M., - Elgin, Ill.
Henry O. Sibley, A. B., - Syracuse, N. Y.
Mary J. Sibley, B. Ph., - Syracuse, N. Y.
Rev. John Sieber, A. B., - Hedgesville, W. Va.
Rev. George T. Smith, A. M., - Tokyo, Japan.
Rev. J. Albert Smith, A. M., - Bergen, N. Y.
Prof. Edward L. Stevens, A. B., - Malone, N. Y.
Rev. Joseph Y. Takasugi, B.Ph., S.T.B., Hirosaki, Japan.
Prof. Ernest M. Taylor, A. M., - Montreal, Ont.
Rev. John Teas, A. M., - Philadelphia, Pa.
Rev. Charles Temple, A. M., - Malone, N. Y.
Prof. John W. Thomas, A. M., - Meadville, Pa.
Prof. Allison Thompson, A. B., - Sherman, Texas.
Rev. James L. Thompson, A. M., - Elgin, N. Y.
Prof. William H. van Allen, B. Ph., New York.
Prof. Hiram A. Vance, A. B., - Nashville, Tenn.
Rev. George Varion, M. S., - Granville, Mich.
Prof. Gus Walters, B. S., - Mt. Pleasant, Ia.
Norval Wardrop, M. Ap. Sc., Detroit, Mich.
Rev. Horace E. Warner, A. B., Colorado Springs, Col.
Rev. Charles E. Wehler, A. B., - Blue Bell, Pa.
Jennie L. Whitbread, B. Ph., Orange, N. J.
Prof. George T. Wiggin, B. S., - Fayetteville, N. Y.
Rev. Myron C. Wilcox, B. Ph., B. D., Foochow, China.
Rev. William E. Wilkinson, A. B., B. D., Warren, Ill.
Rev. Alvin C. Willey, A. M., B. D., Tully, N. Y.
Rev. Francis A. Woodward, A. M., Ellenville, N. Y.
Rev. James M. Yeager, A. M., - Hillsdale, N. Y.

Students.

RESIDENT POST-GRADUATE.

Philip F. Schneider, B. Ph., (Chemistry) Syracuse.

SENIOR CLASS.

			City Address.
Georgianna Atwood,	l. s.	*Herrickville, Pa.*,	618 Cr. ave
Cora May Bowman,	l. s.	*Towanda, Pa.*,	717 Crouse ave
Robert Elias Brettle,	c.	*Dansville*,	Δ.K.E. Chap. H
May Estelle Brown,	l. s.	*Clifford*,	613 Crouse ave
James Lewis Brewer,	c.	*Syracuse*,	529 Seymour
Nettie Alida Chapman,	s.	*Scipio*,	717 Crouse ave
John Henry Cook,	l. s.	*Syracuse*,	100 Johnson
Georgia Ure Forman,	l. s.	*Auburn*,	Δ. Φ. Chap. House
William Pratt Graham,	s.	*Syracuse*,	126 Renwick ave
Miriam A. Guernsey,	l. s.	*Canton, Pa.*,	Δ. Φ. Ch. House
Gratia Gwynn,	l. s.	*Throopsville*,	Δ. Φ. Ch. House
George Hasbrouck Haigh,	c.	*Waterloo*,	112 Gazelle
Albert Eugene Hall, B. P.,	s.	*Johnsburgh*,	604 Irving
Harry Otto Harbach,	c.	*Springboro, O.*,	Φ. Δ. Θ. C. H
Martha Naomi Hayden,	l. s.	*Syracuse*,	102 S. Beech
John Blake Hillyer,	c.	*New York*,	Δ.K.E. Ch. H
Osmon Perley Hoyt,	s.	*Monroe*,	312 James
Arthur Ellsworth Hunt,	l. s.	*Gainesville*,	767 Harrison
Elmer Ellsw'h Hutchings,	c.	*Cardiff*,	321 Monroe
William Henry Jakway,	l. s.	*W. Haven, Vt.*,	666 Madison
George Wm. Kessler,	s.	*Altoona, Pa.*	107 Marshall

NOTE.—The letter c. indicates the Classical Course; l. s., Latin-Scientific; and s., the Science Course.

			City Address.
Edmond K. Macomber,	s.	*Peru,*	100 Johnson
Grace Estelle McIntyre,	l. s.	*Batavia, Γ.Φ.B.*	Chap. House
Charles Austin Metz,	l. s.	*Kidder, Mo.,*	702 Harrison
Gurdon Ransom Miller,	l. s.	*Akron, Δ. K. E.*	Chap. House
Clarence Loomis Peaslee,	c.	*Adams,*	104 Marshall
William Henry Perry,	c.	*Buskirk Bridge, Δ. Γ*	Chap. H
Henry Phillips,	c.	*Johnsburgh, Δ. Γ.*	Chap. H
Bertrand C. Richardson,	c.	*Syracuse,*	803 Almond
Sherman Rouse,	c.	*Stuyvesant, Δ. Γ.*	Chap. House
William Rubin,	l. s.	*Syracuse,*	829 Mulberry
Ida Louise Saxton,	l. s.	*Clyde, Γ.Φ.B.*	Chap. House
Julia Skinner,	c.	*Binghamton,*	119 Curtiss Place
Lewis Peter Smith,	c.	*Penn Yan, Δ.K.E.*	Chap. H
John Austin Swann,	c.	*Gallupville,*	321 Monroe
Theodore Wells Taylor,	c.	*Muncy Valley, Pa.,*	1104 E. Fay
William Erastus Taylor,	l. s.	*East Elba,*	767 Harrison
Ernest Merrill Ten Broeck,	c.	*Watervliet Centre, Δ. Γ.*	C. H
Edith Richardson Truair,	c.	*Syracuse,*	568 Cedar
Lorenzo Dow VanArnam,	c.	*Gloversville,*	805 Almond
Wm. Henry Wakeham,	c.	*New York, Δ. Γ.*	Chap. House
Frederick Ensign Walton,	c.	*Cortland, Δ. Γ.*	Chap. House
Clara Elizabeth Ward,	c.	*Vernon,*	106 Walnut Place
Grace Helen Webb,	l. s.	*Syracuse,*	902 James
Jessie Æolia Whyborn,	c.	*Syracuse,*	704 Harrison

JUNIOR CLASS.

Rose Adele Baird,	l. s.	*Dunkirk,*	713 Crouse ave
Martha Ann Beecher,	l. s.	*Livonia,*	1004 E. Adams
Emma Elizabeth Brown,	l. s.	*Syracuse,*	416 Burnet ave
Susie De Cue Brown,	l. s.	*Syracuse,*	212 Shonnard
Earl Burch,	s.	*Dryden, Β.Θ.Π.*	Chap. House
Anna Irene Byrne,	l. s.	*East Onondaga,*	123 Madison
Celia Inez Byrne,	l. s.	*East Onondaga,*	123 Madison
Edwin Hamlin Carr,	s.	*Rushville, Ind.,*	763 Irving
Belle Margaret Carter,	s.	*Adams,*	417 University ave
Alice Ida Cary,	c.	*Syracuse,*	613 Milton ave

			City Address.
Harry Chadderdon,	l. s.	*Weedsport,*	707 Crouse ave
Howard D. Chapman,	l. s.	*Lakeport,*	1025 E. Fayette
Herman Churchill,	c.	*East Scott,*	*B.Θ.H.* Chap. H
Martha Belle Churchill,	c.	*Springville,*	*A. Φ.* Chap. House
Anna Lousie Cole,	l. s.	*Passaic,*	*Γ.Φ.B.* Chap. House
Charles Squire Coulter,	c.	*Ferrisburg, Vt.,*	111 Wav'ly Pl
Carro Julia Cummings,	l. s.	*Buffalo,*	1004 Adams
Cora May Dodson,	l. s.		111 Marshall
Maud Lulu Dorr,	c.	*Canton,*	*A. Φ.* Chap. House
Fred L. Dutcher,	l. s.	*Avon,*	700 Irving
Emma Y. Emerson,	s.	*Onondaga Valley.*	
Burton Deyoe Esmond,	l. s.	*Valley Falls,*	702 Harrison
Agnes Helen Ford,	c.	*Syracuse,*	116 State
Clarence Norton Goodwin,	c.	*Washington, D. C.,*	*Δ. Γ.* C. H
Emily Jenny Goulding,	l. s.	*Syracuse,*	10 Price Place
Ada Stewart Harbottle,	c.	*Pulaski,*	142 Garfield ave
Kate Bennett Hathaway,	s.	*Tonawanda,*	*Γ.Φ.B.* Chap. H
M. Mae Hathaway,	c.	*Charleston 4 C'rs,*	109 Marshall
Schuyler Fox Herron,	c.	*Cohleskill,*	411 Comstock ave
Mary Adelia Hill,	l. s.	*West Barre,*	561 Cedar
Milicent A. Hinkley.	l. s.	*Syracuse,*	731 Irving
Ada Cornelia Holmes,	c.	*Franklinville,*	109 Marshall
Chester Janes Hoyt,	c.	*Highland,*	312 James
Martha Aubrie Keefe,	s.	*Athens, Pa.,*	900 Univ. ave
George Kingsbury,	l. s.	*Deposit,*	610 University ave
Fred Ziah Lewis,	c.	*Auburn,*	1102 E. Fayette
Lizzie Luella Lowell,	c.	*Bolivar,*	109 Marshall
Lillie May McCullough,	l. s.	*Syracuse,*	309 Lemon
Frank Joseph Miller,	c.	*Syracuse,*	211 Catharine
William Wilson Nichols,	c.	*Rome,*	600 Univ. ave
Frederick Jansen Perrine,	c.	*Kingston,*	1011 Adams
Samuel Norton Pinney,	c.	*Olean,*	705 University ave
George Owen Redington,	s.	*Syracuse,*	904 Irving
Stewart Scott,	c.	*Cicero,*	*B.Θ.H.* Chap. House
Gertrude Alice Shepherd,	c.	*Oswego,*	*A. Φ.* Chap. House
Edmund L. Shepard,	c.	*Berkshire,*	763 Irving
Lulu Swift,	l. s.	*East Syracuse,*	1006 Adams

			City Address.
Jessie Kate Symonds,	l. s.	*Elmira*,	1006 E. Adams
Helen E. Thalman,	l. s.	*Rome*,	713 Crouse ave
Myrtle Edith Thomson,	c.	*Batavia*,	1004 Adams
Albert George Thorne,	c.	*Buffalo*,	205 Waverly Place
Bertrand Martin Tipple,	c.	*Camden*,	820 Madison
Edward B. Topping,	c.	*Homer*,	763 Irving
Abram Lincoln Travis,	c.	*Garrisons*,	402 Walnut Place
W. H. Van Benschoten,	c.	*Newark*,	*B.θ.Π.* Chap. H
Minnie Frances Wade,	s.	*Moravia*,	717 Crouse ave
Frances Louise Warr,	c.	*Oneida*,	*Γ.Φ.B.* Chap. House
Milford John Whiteside,	s.	*Syracuse*,	116 Henry
William W. Wilcox,	c.	*Chester*,	763 Irving.
Minnie B. Woodworth,	l. s.	*Chittenango*,	111 Waverly Pl

SOPHOMORE CLASS.

Louis Allen,	s.	*Laurens*,	1011 E. Adams.
Nellia Julia Allen,	c.	*Medina*,	608 Univ. ave
Louis Irving Backus,	c.	*Springfield*,	705 Univ. ave
Guy Halsey Baskerville,	c.	*Deposit*,	*Φ.Δ.θ.* Chap. House
Frank A. Beach,	c.	*Medina*,	112 Henry
Edward William Beadel,	s.	*Syracuse*,	1814 W. Genesee
Arthur Daniel Berry,	c.	*Mexico*,	*Δ. Υ.* Chap. House
George Hopkins Bond,	l. s.	*Syracuse*,	207 Adams
Mabel Elizabeth Boomer,	c.	*Syracuse*,	314 Gifford
George Griffen Brownell,	c.	*Syracuse*,	905 Univ. ave
Kingsley Fayette Congdon,	c.	*Penn Yan*,	*Δ. Υ.* Chap. House
Sila Lorena Davis,	s.	*Livonia Station*,	905 Univ. ave
Lee Anna May Dorr,	c.	*Mexico*,	107 Marshall
Jennie Baldwin Downs,	c.	*Newark, N. J.*,	108 Wav'ly Pl
Fred. George Dutton,	l. s.	*Le Roy*,	*B.θ.Π.* Chap. House
Charles Gray Fairchild,	l. s.	*Parish*,	300 Hawley
Charles Stuart Gager,	c.	*Greene*,	*Υ.* Chap. House
Verner Simpson Gaggin,	l. s.	*Erie, Pa.*,	*Δ.Κ.Ε.* Chap. House
Oscar John Gannett,	c.	*Galloo Island*,	907 E. Adams
George Willis Gardner,	c.	*Saville*,	1009 Harrison
George Gorham Groat,	c.	*Waterford*,	*Δ. Υ.* Chap. House

			City Address.
Anna Marion Harbottle,	c.	*Pulaski,*	142 Garfield ave
Inez Abbie Harris,	l. s.	*Bradford, Pa.,*	620 Crouse ave
Delmer Edward Hawkins,	c.	*Champlain,*	763 Irving
Gerry Gibbs Henderson,	c.	*Wolcott,*	763 Irving
Anna May Hills,	l. s.	*Binghamton,*	106 Waverly Pl.
Nellie Magdalen Hoffman	c.	*Deposit,*	568 Cedar
Gordon Way Hoyt,	s.	*Monroe,*	312 James
Harriette Augusta Hynes,	c.	*Camden,*	*Δ. Φ.* Chap. House
Ion Andrew Jackson,	l. s.	*Akron, O.,*	*Δ. K. E.* Chap. H
May Louise Jenner,	l. s.	*Clyde,*	111 Marshall
Jennie Anna Jones,	s.	*Syracuse,*	200 Durston ave
William Moss Kerkhoff,	c.	*Chicago,*	112 Henry
Alma Louise Klock,	c.	*Oneida,*	*Γ. Φ. B.* Chap. House
Louis Stone Langton,	l. s.	*Elbridge,*	705 University ave
Aaron Levy,	c.	*Syracuse,*	716 Harrison
Daniel Morgan Lewis,	c.	*Utica,*	*Δ. Γ.* Chap. House
Stephen B. Loveland,	c.	*Taberg,*	1108 E. Genesee
Mary Louisa Lowell,	l. s.	*Bolivar,*	109 Marshall
Joseph R. McGowan,	c.	*Syracuse,*	606 Willis ave
Della Celia Mills,	l. s.	*Syracuse,*	332 Wescott
Hubert Chambers Minard,	c.	*Buffalo,*	*Ψ. Υ.* Chap. House
William Leverett Morgan,	c.	*Rome,*	*Ψ. Υ.* Chap. House
Jennette Alicia Morton,	l. s.	*Mottville,*	*K. K. Γ.* Chapter H
Jessie May Noulton,	c.	*McConnelsville,*	106 Wav'y Pl
Frank Wright Noxon,	l. s.	*Syracuse,*	205 Catharine
Charles Martin Olmstead,	c.	*Bainbridge,*	104 Henry
Samuel Pakelnishkey,	l. s.	*Syracuse,*	114 Burt
Kate Eliza Palmer,	l. s.	*Round Lake,*	620 Crouse ave
John Benton Pitcher,	c.	*Adams,*	411 Comstock ave
Mabel Anna Potter,	c.	*Syracuse,*	707 Madison
Howard Hunt Reynolds,	c.	*Bellville,*	*Ψ. Υ.* Chap. House
Anna Lillian Richards,	l. s.	*Marion,*	*K. K. Γ.* Chap. House
Mary Etta Robinson,	l. s.	*Antwerp,*	*K. K. Γ.* Chap. House
John William Sadler,	c.	*Troy, Pa.,*	*Δ. Υ.* Chap. House
Fred Parmenter Schenck,	c.	*E. Orange, N. J.,*	713 Cr. ave
Erwin Harrison Schuyler,	s.	*Fairmount,*	402 Burnet ave
Martha Elizabeth Smith,	l. s.	*N. Parma,*	*Δ. Φ.* Chap. House

			City Address.
Junius Woods Stevens,	l. s.	*Syracuse,*	522 N. Salina
Laura Isabel Stone,	c.	*LeRoy,*	109 Marshall
Olive Lucinda Strayer,	s.	*Denver, Col.*	615 Irving
Harry Byron Tilbury,	c.	*Owego,*	713 Crouse ave
Ginevra F. Tompkins,	c.	*Newark, N. J.,*	*K. K. I'.* Ch. H
Charles H. Treadwell,	c.	*Oswego, B. θ. Π.*	Chap. House
Stephen Archib'd Vickery,	s.	*Three Riv. Pt.,*	1010 E. Adams
Frank D. Walter,	c.	*Vernon,*	604 Irving
Margaret Eliza Waters,	l. s.	*Terre Haute, Ind.,*	713 Cr. ave
Charles Heald Weller,	c.	*Dundee,*	112 Gazelle
Waldo Weston,	c.	*Syracuse,*	301 Locust
Jessie Eunomia Wheeler,	c.	*Auburn,*	1102 E. Fayette
Charles Browning White,	c.	*Middleburgh,*	*Ψ. Υ.* Chap. H

FRESHMAN CLASS.

Christabell Abbott,	l. s.	*Syracuse,*	1316 Madison
John Nelson Alsever,	l. s.	*Syracuse,*	821 E. Genesee
William Dewey Alsever,	s.	*Syracuse,*	821 E. Genesee
Howard Israel Andrews,	c.	*Cuyler,*	
George Silas Avery,	s.	*Syracuse,*	1619 W. Genesee
Charles Arvin Balch,	c.	*Oran,*	907 E. Adams
Lulu Ida Blair,	l. s.	*Wilkes Barre, Pa.,*	
Geo. Eldred Boschert,	l. s.	*Syracuse,*	108 Merriman ave
Alonzo Griffith Brooks,	c.	*Syracuse,*	239 Tallman
John J. Buettner,	s.	*Syracuse,*	967 Mulberry
Millard P. Burlingame,	s.	*Warsaw,*	731 Irving
Gertrude S. Burlingham,	c.	*Mexico,*	1004 E. Adams
Mary Louise Caldwell,	l. s.	*Syracuse,*	143 W. Kennedy
Lewis Erwin Carter,	c.	*Greenwich,*	700 Irving
George F. Chandler,	c.	*Elmira,*	The Florence
John Wentworth Church,	c.	*Syracuse,*	109 Delong ave
Julia Eleanor Church,	c.	*Syracuse,*	109 Delong ave
Louis Streit Colwell,	c.	*Verbank,*	700 Irving
Elizabeth Todd Conklin,	l. s.	*E. Onondaga,*	
Mabel Sarah Coon,	c.	*Oswego,*	408 Walnut Place
Edward W. Cregg,	c.	*Elbridge,*	208 E. Adams

			City Address.
Lillian May Curtis,	c.	*Corning,*	717 Crouse ave
William Brayton Curtiss,	l. s.	*Parish,*	125 Granger
Frank Warden Davis,	l. s.	*Boston, Mass.,*	700 Irving
Harriet M. Doane,	l. s.	*Pulaski,*	*K. K. Γ.* Chap. H
Ruth Ethel Dryer,	c.	*Rochester,*	109 Marshall
Fred W. Edgecomb,	s.	*Lubec, Me.,*	Crouse College
Edwin D. Face,	c.	*Gloversville,*	411 Comst. ave
Harry Haile Farmer,	l. s.	*Syracuse,*	309 E. Adams
Samuel Isaac Ferguson,	l. s.	*Syracuse,*	596 Madison
Maurice Fikes,	c.	*Herkimer,*	*Β. Θ. Π.* Chap. H
Frederick H. Flaherty	l. s.	*Chittenango,*	406 Niagara
George Fountain,	g. s.	*Norwalk, Conn.,*	726 E. Fay
Charles Gillett,	c.	*Naples,*	1009 Harrison
Jeannie Eliza Halstead,	l. s.	*New Berlin,*	
Effa Zilpha Ham,	c.	*Cranford, N. J.,*	202 Wav. Pl
Margaret L. Hewitt,	l. s.	*Newark, N. J.,*	*K. K. Γ.* C. H
Vernon William Holmes,	l. s.	*Texas Valley,*	310 Ostrom ave
Harris Ayres Houghton,	c.	*Auburn,*	403 University Pl
Harry Daniel Houk,	s.	*Oswego,*	619 Irving
Harvey Milton Hubbard,	c.	*Stamford,*	610 University ave
Kate Hulst,	c.	*Greenwich,*	102 Marshall
Florence A. Huntley,	c.	*Syracuse,*	1014 E. Adams
Elizabeth Marsh Janes,	c.	*Onondaga Valley,*	
Pearl Ross Jewell,	l. s.	*Parish,*	
Eva Kinsey,	l. s.	*LaGrange, N. C.,*	109 Marsh'l
Alice Louise Lee,	l. s.	*Brooklyn, Pa.*	604 Irving
E. Bersie Lee,	c.	*Adams,*	104 Marshall
Milton Myers Leiter,	l. s.	*Syracuse,*	411 Warren
Caroline Belle Lynch,	l. s.	*Athens, Pa.,*	102 Marshall
Jessie May Mains,	l. s.	*Brooklyn,*	1004 Adams
George D. McMahon,	c.	*Pithoragush, India,*	402 Wal. P
Burton Meeker,	s.	*Millerton, Pa.,*	515 Crouse ave
Morgan Millar,	c.	*Boston, Mass.,*	1015 E. Adams
George W. Mische,	s.	*Syracuse,*	209 Douglas
Fred Morgan,	s.	*Syracuse,*	713 Court
Edwin Bryant Mott,	l. s.	*Syracuse,*	107 Marshall
Henry I. Nottingham,	c.	*Manlius,*	354 W. Onondaga

			City Address.
George Elmer O'Bryon,	c.	*Elmira,*	617 Irving
Frank Ellsworth Paddock,	c.	*Elbridge,*	705 University ave
Maurice Pakelnishky,	l. s.	*Syracuse,*	112 Burt
Bessie Parsons,	c.	*Fairmount,*	1014 E. Adams
Nina Hannah Paxson,	c.	*Springville,*	209 University Pl
Arthur Brown Peaslee,	c.	*Madison,*	104 Marshall
Charles Luther Peck,	c.	*Cortland,*	104 Henry
William Joseph Peck,	c.	*Scranton, Pa.,*	411 Comst. ave
Frederick T. Pierson, Jr.,	c.	*Syracuse,*	420 Crouse ave
Stephen Salisbury Pratt,	c.	*Homer,*	*J. K. E.* Chapter H
Edward Fitz Randolph,	c.	*W. Brighton, S. I.,*	411 Com. ave
John Fitch Reed,	c.	*Richmond Mills,*	1015 E. Adams
Frank L. Richards,	c.	*Oswego,*	*B. θ. Π.* Chap. House
Carrie Adella Ritter,	l. s.	*Syracuse,*	1201 W. Onondaga
Dora Mai Robinson,	l. s.	*Ticonderoga,*	108 Waverly Pl
Caroline Sophia Romer,	l. s.	*Newark, N. J.,*	*K. K. Γ.* Ch. H
Dix Halsey Rowland,	l. s.	*Wellsboro, Pa.,*	1411 Madison
Martha Lillian Sanford,	l. s.	*Geneva,*	113 Marshall
Lucian Herbert Shepherd,	c.	*Oswego,*	604 Crouse ave
Leora E. Sherwood,	l. s.	*Syracuse,*	Eliz. and Gar. ave
William M. Smallwood,	c.	*Warsaw,*	705 Univ. avc
Almon E. Smith,	c.	*Norwalk, Conn.,*	726 E. Fay'te
Eugene Randolph Smith,	c.	*Oswego,*	*B. θ. Π.* Chap. House
Grace Elsie Smith,	l. s.	*Middleburg,*	102 Marshall
Lora Olive Snider,	l. s.	*Pittsburgh, Pa.,*	713 Cr. ave
Allen Dorman Steele,	s.	*Elmira,*	731 Irving
Bertha F. Stowell,	l. s.	*Pulaski,*	826 E. Fayette
Mary Frances Sweet,	s.	*Syracuse,*	1108 E. Genesee
Fred. Gedney Traver,	c.	*Hillsdale,*	
John G. Truair,	c.	*Syracuse,*	568 Cedar
Sarah Tumim,	l. s.	*Syracuse,*	403 Cedar
Edward Bern'd Vollmer,	g. s.	*Syracuse,*	402 Highland
Ulysses Grant Warren,	c.	*Harrington, Del.,*	*Φ. Δ. θ.* Ch. H
Henry Wheaton,	c.	*Richford,*	*B. θ. Π.* Chap. H
Charles Edward White,	s.	*Syracuse,*	408 Douglas
Lieber Everett Whittic,	l. s.	*Syracuse,*	313 Almond
William Judson Wilson,	c.	*Addison,*	111 Waverly Pl

			City Address.
Bertha Wilson,	s.	*Fayetteville,*	713 Crouse ave
Louise V. Winfield,	l. s.	*Syracuse,*	121 W. Castle

SPECIAL STUDENTS.

(Not Candidates for a Degree.)

Emily Alvord,	*Syracuse,*	216 Manlius
Nellie Julia Bates,	*Oxford,*	112 Cayuga
Charles Webster Beadel,	*Syracuse,*	1814 W. Genesee
Irene Benham,	*Lima,*	102 Marshall
Franklin Peter Brill,	*Pottsville, Pa.*	
Sanford Brusie,	*Boston Corners,*	1009 Harrison
Lena Cecelia Burton,	*Syracuse.*	212 Grace
Samuel Eugene Caldwell,	*N. Stamford, Conn.,*	700 Irving
Frederick M. Caswell,	*Deposit,*	735 Crouse ave
Ralph W. Chaffee,	*Onondaga Valley.*	
Robert L. Clark,	*Bainbridge,*	411 Comstock av
Edward Howard Dann,	*Syracuse,*	1101 E. Genesee
Gertrude Regene Danziger,	*Syracuse,*	619 E. Genesee
Frederick Louis Darbonnier,	*Berkshire,*	110 Raynor
Loren Arthur Davis,	*Syracuse,*	129 Bassett
Ernest R. Demming,	*Syracuse,*	123 Leon
Janet Louisa Duesler,	*Clayville,*	106 Henry
Ray Eckerson,	*Brownlee, Pa.,*	1009 Harrison
Frances Emerson,	*Omaha, Neb.*	211 Univ. Pl
Herbert S. Emerson,	*Onondaga Valley.*	
Frank Milton Hamblin,	*Auburn,*	*A. K. E.* Chap. H
William Clark Hamilton,	*Pittsburgh, Pa.,*	
Frederick J. Haynes,	*Syracuse.*	
Earl G. Heaton,	*Baldwinsville,*	309 Irving
Minnie Florence Heermans,	*Benton Centre,*	717 Crouse ave
Josiah Brainard Hine,	*E. Onondaga,*	705 Univ. ave
William B. Hodge,	*Palatine Bridge,*	*A. K. E.* C. H
Harriet Seymour Hollis,	*Pulaski,*	908 Harrison
Allan Luce Jordon,	*Brooklyn,*	107 Waverly Pl
Louis Fowler Joy,	*Ilion,*	*W. Y.* Chap. H
Clara Searing King,	*Syracuse,*	111 Shonnard

		City Address.
Samuel Miller Look,	*Prattsburg,*	1011 E. Adams
Anna Grace Loomis,	*Syracuse,*	604 Turtle
Charles Tucker McFarlane,	*E. Syracuse,*	Dixon House
Flora Merrifield,		
Henry Louis Morgan,	*Syracuse,*	529 S. Salina
William George Morrell,	*Trenton, N. J.,*	*Φ. Δ. Θ.* C. H
Lawrence Joseph Myers,	*Syracuse,*	307 Hawley
Clark Asahel Nichols,	*Baldwinsville,*	705 Univ. ave
Fannie Alice Osborne,	*Buffalo,*	209 University Place
Minnie Minton Powers,	*South Oxford,*	108 Waverly Pl
Roy Spencer Richardson,	*Syracuse,*	1012 E. Adams
M. Elizabeth Scott,	*Syracuse,*	752 Harrison
J. Harry Shaver,	*Marathon,*	735 Crouse ave
Florence Campbell Sherwood,	*Brewerton.*	
Mather Williams Sherwood,	*Syracuse,*	1101 Burnet ave
Arthur Jerome Smith,	*Antwerp,*	610 University ave
Augustus C. Stevens,	*Syracuse,*	803 James
George Elmer Strayer,	*Denver, Col.,*	615 Irving
James Edward Sullivan,	*Oneida.*	
Frank Dana Thorne,	*Buffalo,*	205 Waverly Place
Eugenia Elizabeth Titcomb,	*Mayfield,*	620 Crouse ave
Miles L. Trowbridge,	*Syracuse,*	1500 W. Genesee
Charles Elmer Wetton,	*Elizabeth, N. J.,*	*Φ. Δ. Θ.* Ch. H
William Alonzo Wheatley,	*Syracuse,*	151 Newell
George Frederick Whitfield,	*Clear Lake, Ia.*	
Jane Wilbur,	*Syracuse,*	622 E. Fayette
Ralph Allen Wilcox,	*Manlius,*	*B. Θ. Π.* Chap. H
Harriet Emily Wilkin,	*Fayetteville.*	
Fred William Woese,	*Syracuse,*	621 Catherine
Amy Estella Yoran,	*East Creek,*	1004 Adams

College of Fine Arts.

POST-GRADUATE STUDENTS.

			City Address.
Harriet M. Miller, B. P.,	p.	*Syracuse*,	803 E. Genesee
Florence A. Wright, B. P.,	p.	*Syracuse*,	The Florence

SENIOR CLASS.

Ralph Manning Comfort,	ar.	*Syracuse*,	723 E. Genesee
Isadore Cropsey,	m.	*Oswego*,	912 Madison
Florence Eugenie Haanel,	p.	*Syracuse*,	405 Univ. Place
Grace Darling Haanel,	m.	*Syracuse*,	405 Univ. Place
Livonia May Hitchcock,	m.	*Manlius Station*,	113 Marshall
Kate Elinor Hovey,	m.	*Sayre, Pa.*,	Δ.Φ. Chap. House
Anna Sophia Johnson,	p.	*Syracuse*,	401 Howard
Charles Sidney Lackey,	ar.	*West Winfield*,	612 Crouse ave
Mary Anna Mattison,	p.	*Williamson*,	113 Marshall
Mary Mabelle Paddock,	p.	*Wolcott*,	209 Univ. Place
Bessie Achsah Reed,	m.	*Syracuse*,	908 Harrison
Mary Elizabeth Reed,	p.	*Syracuse*,	908 Harrison
Maude Evelyn Sanford,	p.	*Syracuse*,	525 W. Onondaga
Lena Josep'ne Schreuder,	m.	*Syracuse*,	1022 S. Salina
Ella Miriam Traver,	m.	*Hillsdale*,	900 Irving
Fannie Turton,	m.	*Erin*,	717 Crouse ave
Fred Kendal Ward,	ar.	*LeRoy*,	705 Univ. ave
Adelaide Alida Warne,	p.	*Syracuse*,	231 Baker ave

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music, s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

JUNIOR CLASS.

			City Address.
Alice Adams,	m.	*Syracuse,*	107 Elizabeth
Burt LeGraw Bentley,	s. m.	*Cortland.*	
Emma Brigham,	s. m.	*Syracuse,*	736 Crouse ave
George Draper Coons,	ar.	*Penn Yan,*	610 Univ. ave
Laura W. Cowan,	s. m.	*Syracuse,*	127 Gazelle
Almira E. Cronk,	s. m.	*Canastota.*	
Grace M. Featherly,	m.	*Syracuse,*	118 South ave
Miriam A. Guernsey,	s. m.	*Canton, Pa.,*	207 Univ. Place
Inez Roxana Hamilton,	s. m.	*Cazenovia.*	
Genevieve A. Harrington,	p.	*Syracuse,*	1104 E. Adams
Carl Tracy Hawley,	p.	*New Milford, Pa.,*	612 Cr. av
Lulu Kern,	m.	*Hamilton,*	613 Crouse ave
Milton Myers Leiter,	s. m.	*Syracuse,*	411 Warren
Grace Whitney Leslie,	m.	*Syracuse,*	214 E. Onondaga
Cordelia Schultz Losey,	p.	*Elmira,*	*A. Φ.* Chap. House
Addie Bliss Marks,	m.	*Kenwood.*	
Arline McCarthy,	s. m.	*Syracuse,*	402 E. Genesee
Nellie Mason,	m.	*Syracuse,*	803 University ave
Jane Agnes Millard,	s. m.	*Syracuse,*	124 Gazelle
Burr Churchill Miller,	ar.	*Herkimer,*	600 Crouse ave
Charlotte Mellen Packard,	m.	*Syracuse,*	303 University Pl
Mary Cornelia Parish,	p.	*East Onondaga.*	
Jessie Angela Perrin,	m.	*W. Pittston, Pa., A. Φ.*	Chap. H
Mary Patterson Pharis,	m.	*Syracuse,*	600 Lowell ave
Phebe Ella Pierson,	m.	*Waterloo,*	761 Irving
Elizabeth Belle Ruland,	m.	*Syracuse,*	728 E. Fayette
Margaret Ann Sexsmith,	s. m.	*Syracuse,*	1105 E. Genesee
Harriet Case Stacey,	m.	*Syracuse,*	512 Bear
Edith Claire Stobo,	m.	*Syracuse,*	703 E. Genesee
Clara May Sweet,	m.	*Cicero.*	
John Sherman Tack, p.,	s. m.	*Syracuse,*	304 S. Beech
Clara Edith Titus,	m.	*Syracuse,*	906 Irving
Evalina Vernon,	s. m.	*Syracuse,*	707 Irving
Sarah Louise Weeks,	m.	*Skaneateles,*	209 Univ. Place
Clara Martha Williams,	p.	*Ithaca,*	408 Walnut Place

SOPHOMORE CLASS.

			City Address.
Lillie Sophia Allewelt,	s.	m.	*Syracuse*, 909 N. Salina
Emily Jane Archer,	s.	m.	*New Rochelle*, 717 Crouse ave
Lovern Hill Babcock,		m.	*Fayetteville*, 108 Waverly Pl
Mary E. S. Babcock,	s.	m.	*Syracuse*, 303 McBride
Harry Loyd Benedict,		ar.	*Syracuse*, Hotel Mowry
Gabrielle G. Burnette,	s.	m.	*Syracuse*, 665 Madison
Mabel V. Burnette, s. p.,	s.	m.	*Syracuse*, 665 Madison
Jessie Suydam Clark,	s.	m.	*Syracuse*, 452 S. Salina
Oliver Vincent Clark,		ar.	*E. Onondaga*, Δ. Υ. Chap. H
Clara Bessie Collins,	s.	m.	*Syracuse*, 231 Midland ave
Alice Susan Colton,	s.	m.	*Syracuse*, 108 Harrison
Clara Bell Condon,	s.	m.	*Oswego.*
Ada Adelle Cooper,	s.	m.	*Oswego.*
Bessie Cowles,		m.	*Clyde*, 614 Univ. ave
Sarah Crabtree,	s.	m.	*Syracuse*, 114 W. Castle
Mary Willard Cushing,		m.	*Syracuse*, 527 S. Salina
Edith Norton Curtis,		p.	*Fredonia*, 209 Univ. Place
Alton Eugene Darby,		m.	*Cortland*, 105 Caroline
Ida Belle Darby,	s.	m.	*Syracuse*, 105 Caroline
Marion Foster Duncan,		m.	*Syracuse*, 517 Turtle
Laura Durston,	s.	m.	*Anaconda, Mont.*, 509 James
Jennie Lou Encell,	s.	m.	*Syracuse*, 109 Davis
Arthur Eltinge,		m.	*Creek Locks*, 904 Irving
Julius Franklin Everett,	s.	ar.	*Madison, Wis.*, 908 Madison
Cory Fred Feek,		ar.	*Syracuse* 108 Harrison
Ida May Fisher,	s.	m.	*Fayetteville.*
Jennie Folkey,		m.	*Deposit*, 568 Cedar
Fanny Sarah Ford,		m.	*Fairfield*, 761 Irving
Mansfield J. French, Jr.,		ar.	*Syracuse*, 232 South ave
Thomas Walker Gaggin,		ar.	*Erie, Pa.*, Δ.Κ.Ε. Chapter H
Fanny Andrews Goodjon,	p.		*Fulton*, 1007 E. Adams
Lewis Elijah Graves,		m.	*Scriba*, 803 Almond
Fanny Gray,	s.	m.	*Syracuse*, 606 Univ. ave
Helen Miranda Guernsey,	p.		*Canton, Pa.*, 207 Univ. Pl
Jessie Lusina Harden,	p.		*Marion*, 111 Waverly Pl
M. B. Harrington, B.P.,	s.	m.	*Syracuse*, 1104 E. Adams

			City Address.
Susannah C. Hatmaker,	m.	*Syracuse,*	105 Marshall
Elizabeth E. Hewlett,	p.	*Dresden,*	113 Marshall
Ida Julia Hubbard,	s. p.	*Waterville,*	802 Univ. ave
Jessie Whiting Hurlbut,	p.	*Canastota,*	Γ.Φ.Β. Chap. H
Caroline Camp Johnson,	s. p.	*Fredonia,*	719 Crouse ave
Lulu Belle Jones,	p.	*Eaton,*	115 Waverly Place
Benjamin Lesser,	s. m.	*Syracuse,*	705 Warren
Esther Purdy Lord,	m.	*Syracuse,*	618 Irving
Charlotte Belle Lynn,	s. m.	*G'nd Rapids, Wis.,*	616 Irving
Nina Irene McCormick,	s. m.	*Syracuse,*	110 Henry
Anita Cleveland Miller,	s. m.	*Eaton,*	427 E. Jefferson
Josephine A. Miller,	s. m.	*Syracuse,*	207 Park ave
Lucia E. H. Moore,	s. p.	*Syracuse,*	618 Irving
Charles Mullin,	s. m.	*Syracuse,*	610 E. Fayette
Mryrtie Budd Myers,	m.	*Cortland,*	802 Univ. ave
Charlotte Euretta Nash,	s. m.	*Cortland,*	30 Clinton ave
Laura Tomlinson Page,	m.	*Syracuse,*	609 Univ. ave
Helen Mary Post,	p.	*Syracuse,*	618 Irving
Frederic William Revels,	ar.	*Olean,*	705 Univ. ave
Frederick W. Schlieder,	m.	*West Leyden,*	904 Irving
Margaret Scholfield,	s. m.	*Wausau, Wis.,*	908 Madison
Archibald Schwartz,	ar.	*Syracuse,*	1106 E. Adams
Joseph Charles Seiter,	m.	*Syracuse,*	425 N. Salina
Margaret K. Sherman,	s. m.	*Syracuse,*	107 Cedar
Fanny Mary Sherwood,	s. m.	*Syracuse,*	126 Seymour
Florence Mary Smith,	p.	*Syracuse,*	360 Westcott
Frederic Knight Stickle,	ar.	*Weedsport,*	705 University ave
Mary Adelle Tack,	s. m.	*Syracuse,*	304 S. Beech
Georgiana C. Taylor,	s. m.	*New York,*	Γ.Φ.Β. Chap. H
Lillian Brady Taylor,	s. m.	*Syracuse,*	705 McBride
Wilhelmina F. Walch,	s. m.	*Syracuse,*	357 W. Onondaga
Ina Elizabeth Wallace,	m.	*Apulia,*	517 Almond
Elizabeth Emily Walters,	m.	*Vernon,*	604 Irving
Marion Emeline Weaver,	p.	*Syracuse,*	119 South ave
Wilhelmina S. Weddigen,	s. m.	*Williamsport, Pa.,*	620 Cr. ave
Sarah Louise Weeks,	m.	*Skaneateles,*	209 University Pl
Francis Morris Wilkin,	s. m.	*Syracuse,*	664 Madison

			City Address.
Florence M. Wood,	s. m.	*Syracuse,*	608 Irving
Lucy Catherine Yates,	m.	*Geddes,*	*Γ. Φ. B.* Chap. H

FRESHMAN CLASS.

Florence Eliza Aldrich,	s. m.	*Port Byron.*	
Rebecca Andursky,	s. m.	*Syracuse,*	756 Harrison
Virginia Edith Arnold,	s. m.	*Syracuse,*	603 Irving
Elizabeth Sarah Atwood,	p.	*Herrickville, Pa.,*	511 Univ. av
Charlotte Isabell Ball,	s. m.	*Marcellus.*	
Frank Ambrose Beach,	s. m.	*Medina,*	*Δ. K. E.* Chap. H
Blanche Beth Beardsley,	m.	*East Canton, Pa.,*	618 Cr. ave
Francis Marion Beattie,	m.	*Syracuse,*	1615 E. Genesee
Irene Benham,	m.	*Lima,*	102 Marshall
Lulu Blair,	s. m.	*Wilkesbarre, Pa.,*	705 Univ av
Emma L. Boothby,	s. m.	*Phoenix.*	
Susan Gay Britcher,	m.	*Syracuse,*	707 S. West
Lena Emily Brockway,	m.	*Syracuse,*	319 Delaware
Effie Dell Brooks,	s. m.	*North Lansing,*	616 E. Fayette
Caleb Candee Brown,	ar.	*Syracuse,*	612 S. Salina
Agnes B. Buckley,	s. m.	*Syracuse,*	206 W. Genesee
Adele Sanger Butler,	m.	*Syracuse,*	613 W. Onondaga
Lewis H. Campbell,	s. m.	*Syracuse,*	34 S. Crouse ave
James Linton Carnall,	s. p.	*Syracuse,*	138 Johnson
Belle Margaret Carter,	s. m.	*Adams,*	604 Irving
Kate Mary Collins,	s. m.	*Syracuse,*	230 Rust
Grace Rowena Cook,	s. m.	*East Creek,*	1004 E. Adams
Emma Corey,	s. m.	*Syracuse,*	509 James
Marie Seymour Cowles,	s. p.	*Syracuse,*	424 James
Mamie Ella Crofut,	s. m.	*Syracuse,*	106 Madison
Alice Cutler,	s. m.	*Moravia.*	
Mamie Bertha Dalton,	s. m.	*Morrisville,*	109 Sabine
Cordelia Cogswell Dana,	s. p.	*Syracuse,*	206 Highland
Marion Evelyn Danford,	s. p.	*Sodus,*	712 E. Jefferson
L. A. Darbonnier, B. P.,	s. m.	*Berkshire,*	354 W. Onondaga
Emma Almetta Davis,	m.	*Syracuse,*	725 E. Willow
Lowrie Mabel DeLong,	s. m.	*Syracuse,*	416 Midland ave

			City Address.
Alice Ray Divine,	s. p.	*Utica,*	620 Crouse ave
Jane Baldwin Downs,	s. p.	*Newark, N. J.,*	*A.Φ.* Chap. H
Minnie Eliz'th Dwyer,	s. m.	*Syracuse,*	220 W. Fayette
Caroline Amelia Eddy,	s. m.	*Syracuse,*	802 W. Onondaga
Bertha Charlotte Farrar,	m.	*Albany,*	614 Crouse ave
Jessie E. Farrington,	s. m.	*Syracuse,*	1543 S. Salina
Ruth Fearey,	m.	*Syracuse,*	702 Croton
Fanny Cozette Fisk,	s. m.	*Syracuse,*	317 Bear
William Y. Foote, A. M.,	m.	*Syracuse,*	The Florence
Edith May Gatchell,	s. m.	*Alton,*	1015 E. Adams
William Clarke Gavitte,	ar.	*Springville, Pa.,*	906 Irving
Florence Belle George,	m.	*Rome,*	109 Marshall
Clara Belle Gibson,	s. m.	*Auburn.*	
May Elizabeth Glahn,	s. p.	*Syracuse,*	407 Midland ave
Nathan Reed Graves,	ar.	*Syracuse,*	401 Graves
Harriet Louisa Green,	s. m.	*Sodus,*	107 Marshall
Jessie Avery Groat,	m.	*Canastota,*	731 Irving
Isabella Hadger,	s. m.	*Port Byron.*	
El Dona Hannan,	s. m.	*Syracuse,*	602 Burnet ave
Lawson Dymond Hart,	m.	*W. Pittston, Pa.,*	705 Un. ave
Helen Louise Heddæus,	s.p.	*Syracuse,*	731 Irving
Irma Eloise Hollenbeck,	s m.	*Syracuse,*	217 Delaware
Mary Josephine Horn,	m.	*Syracuse,*	614 Crouse ave
Minnie Bowlby Howard,	s.m.	*North Hector,*	727 Crouse ave
Charlotte Mead Janes,	p.	*Onondaga Valley.*	
Clara Alene Jewell,	s.m.	*Homer.*	
Agnes Marguerite Koch,	s.m.	*Dunkirk,*	405 Lemon
Josephine Percy Lalor,	s. m.	*Syracuse,*	1143 S. Salina
Cora Amelia Lansing,	s. m.	*Canastota.*	
Mary Estelle Marsh,	s. m.	*Holley,*	752 Harrison
Laura Jane Marshall,	s. m.	*Pratt's Hollow.*	
Mabel Marvin,	s. m.	*Baldwinsville.*	
Ruby V. E. McCauley,	s. p.	*Ridgeway, Pa.,*	Crouse ave
Flora Linc'ln Merrifield,	s.m.	*Westmoreland, N.H.,*	717 Cr.av
William George Morrell,	m.	*Trenton, N. J.,*	610 Univ ave
Mary Eugenia Mumford,	m.	*Syracuse,*	513 E. Fayette
Jennie Maude Myers,	s. p.	*Ellenville,*	1319 E. Genesee

			City Address.
Mabelle V. O'Conner,	s. m.	*Syracuse,*	647 S. Salina
James Orlando,	s. m.	*Syracuse,*	1232 Mulberry
Ethelwyn Osborne,	s. m.	*Fayetteville,*	109 Marshall
Florence C. Pennock,	s. m.	*Syracuse,*	1819 E. Genesee
Howard George Perry,	m.	*Canajoharie,*	620 Crouse ave
Charlotte May Phelps,	s. m.	*New Haven,*	804 Univ. ave
Clara Gere Reed,	m.	*Syracuse,*	604 Crouse ave
Mary Ellen Render,	s. m.	*Antwerp,*	318 E. Castle
Carrie Sophia Robinson,	m.	*New Haven,*	720 E. Railroad
Winifred Rogers,	m.	*Waverly,*	107 Marshall
Morris Rosman,	s. m.	*Syracuse,*	752 Harrison
Jessie Johnson Ross,	s. m.	*Syracuse,*	212 Green
Grace Louise Sargent,		*North Hector,*	727 Crouse ave
Bertha S. Sawyer, B. A.,	s. m.	*Syracuse,*	700 Univ ave
Nina Louise Sawyer,	s. m.	*Syracuse,*	247 Midland ave
Florence Ida Seymour,	m.	*Morrisville,*	111 Waverly Pl
Minnie May Share,	s. m.	*Marcellus.*	
Gail Sherman,	s. p.	*Syracuse,*	1312 Park
Abigail Ann Sherwood,	s. m.	*Syracuse,*	1011 Madison
Ida Luella Sherwin,	s. m.	*Canton,*	705 Univ. ave
Mary R. Shipman,	s. p.	*Syracuse,*	404 Oak
Emma Lee Simmons,	m.	*Olivers, N. C.,*	109 Marshall
Ida Florence Smith,	s. m.	*Syracuse,*	608 Seymour
Lulu Anna Snow,	s. m.	*Syracuse,*	342 Westcott
Bessie Beatrice Stinard,	s. m.	*Syracuse,*	1117 Bellevue ave
Clara Louise Stoddard,	m.	*Palmyra,*	712 E. Jefferson
Mabel Ellen Stone,	s. m.	*Syracuse,*	410 Univ. ave
Leah Etta Tolman,	p.	*Syracuse,*	11 McClure ave
Harriet Tallent Tracy,	s. m.	*Syracuse,*	446 S. Salina
Sarah Eleanor Veeder,	p.	*Lyons,*	731 Irving
Marion C. Veitenheimer,	m.	*Washington, D. C.,*	517 Turtle
Anna Marie Walch,	s. m.	*Syracuse,*	357 W. Onondaga
Mary Luella Weatherlow,	m.	*Seneca Falls,*	102 Marshall
Ellery Corey Webster,	s. m.	*Wyoming.*	
Alice Weston,	p.	*Syracuse,*	301 Locust
Frank Hamilton White,	s. m.	*Syracuse,*	223 Elliott
Florence H. Wilson,	s. m.	*Auburn.*	

		City Address.
Jennie Louise Wilson, s. m.	*Rome,*	713 Crouse ave
Anna Hamilton Wright, s. p.	*Syracuse,*	713 E. Fayette

GYMNASIAL STUDENTS.

Albert Malcolm Allen,	*Syracuse,*	561 Cedar
Charles Arthur Arnold,	*Syracuse,*	115 Alice
Ethel Alexander Barnum,	*Syracuse,*	803 Univ. ave
Laura Alice Baltes,	*Oswego.*	
Flora Isabel Barrett,	*Canastota.*	
Frederic Born,	*Syracuse,*	602 Park
John Hamilton Botsford,	*Weedsport,*	132 Webster ave
Edly Emily Brown,	*Syracuse,*	212 Shonnard
Herman Churchill,	*East Scott,*	515 Crouse ave
Laura Wilhelmina Cowan,	*Syracuse,*	127 Gazelle
Almira Elizabeth Cronk,	*Canastota.*	
Edith Lucina Dewey,	*North Manlius.*	
Estelle Eldredge,	*Syracuse,*	124 Cortland ave
Bessie Babcock Fearey,	*Syracuse,*	702 Croton
Kittie May Foster,	*Syracuse,*	727 Irving
Daisy Harriet Fowler,	*Syracuse,*	1828 E. Genesee
John Nelson Fox,	*Syracuse,*	303 Lowell ave
Mary Mason Fox,	*Syracuse,*	303 Lowell ave
Royal Edward Fox, Jr.,	*Syracuse,*	303 Lowell ave
Isabel Cordelia Gage,	*Syracuse,*	612 Univ. ave
Helen Claudie Gilbo,	*Syracuse,*	909 W. Fayette
Mary Ella Grant,	*Syracuse,*	504 Univ. ave
Fanny Gray,	*Syracuse,*	606 Univ. ave
Grace Mildred Green,	*Syracuse,*	1025 E. Fayette
Vesta Hayes Green,	*Mexico,*	109 Marshall
Katharine H. Greenland,	*Syracuse,*	315 Oak
Florence Adelaide Halstead,	*Weedsport,*	209 Univ. Place
Harry Otto Harbach,	*Springboro, O.,*	611 Irving
Charles Henry Howe,	*Syracuse,*	712 E. Jefferson
Helen Amelia Hurlbut,	*Canastota.*	
Mabel Alice Kelley,	*Syracuse,*	211 E. Adams
Josephine Marie Kerkhoff,	*Syracuse,*	112 Henry

		City Address.
Anna Submitte King,	*Syracuse,*	215 Sabine
Daisy Mary McCoy,	*Syracuse,*	West Shore Pas. St
Jane Agnes Millard,	*Syracuse,*	124 Gazelle
Bertha Maude Moyer,	*Syracuse,*	1400 First North
Lillian Northrup,	*Syracuse,*	400 Oak
Mabel Ella Northrup,	*Syracuse,*	205 Waverly Pl
May Salisbury,	*Syracuse,*	309 Gifford
Harriet Julia Schmelzle,	*Syracuse,*	1017 Lodi
Lulu Anna Schmelzle,	*Syracuse,*	1017 Lodi
Elizabeth Carrie Smalley,	*Syracuse,*	607 Univ. ave
Frank Mather Smalley,	*Syracuse,*	607 Univ. ave
Sarah Louise Sullivan,	*Syracuse,*	209 N. Crouse ave
Clara Lucene Tucker,	*Syracuse,*	107 Fage ave
Stephen Barker Vernon,	*Syracuse,*	707 Irving
Mary Margaret Warne,	*Marathon,*	516 E. Adams

College of Medicine.

THIRD YEAR.

		City Address.
Winfield H. Ames,	*Syracuse*,	509 Walnut ave
Mehitable Barnes,	*Belleville*,	314 Beach
Stewart S. Bibbens,	*Savannah*,	219 South ave
Melvin H. Fuller,	*Gloversville*,	*B. θ. Π.* Chap. H
John R. Harding,	*Syracuse*,	1336 Mulberry
Hiram B. Hawley,	*Syracuse*,	1100 N. Salina
Victoria M. Kemter,	*Syracuse*,	1117 Midland ave
I. Harris Levy,	*Syracuse*,	716 Harrison
Joe V. Lewis,	*Prattsburgh*,	605 E. Genesee
Oliver A. Blumenthal,	*Syracuse*,	718 Harrison

SECOND YEAR.

H. Bertha R. Chase,	*Montezuma*,	307 Montgomery
George B. Clark,	*Croton Lake*,	*B. θ. Π.* Chap. H
Charles A. Covell,	*Prattsburgh*,	726 E. Fayette
Margaret E. Dunn,	*Syracuse*,	310 Court
J. Perry Horle,	*Perryville*,	618 E. Fayette
Albert S. Hotaling,	*Syracuse*,	117 South ave
A. F. Miller,	*Syracuse*,	1009 Court
Robert H. Phelps,	*Norwich*,	419 Lodi
John M. Quirk,	*Havana*,	419 Lodi
Mary E. Raymond,	*Norwich*,	307 Montgomery
Gregory Reidy,	*Syracuse*,	510 Almond
Willard G. Reynolds,	*Fulton*,	427 S. Salina
Frank M. Ringrose,	*Point Rock*,	605 E. Genesee

		City Address.
Arthur S. Ruland,	*Syracuse,*	728 E. Fayette
Mrs. Regina F. Smith,	*Elmira,*	418 Willow
Robert B. Wilson,	*Sackett's Harbor,*	726 E. Fay

FIRST YEAR.

Mrs. G. E. Avery,	*Syracuse,*	Avery ave., Bur. Pk
DeLancey F. Bartlett,	*Fayetteville.*	
Florence A. Booth,	*Union uquare,*	204 Madison
William S. Bristol,	*Lacona,*	324 S. Crouse ave
George B. Broad,	*Onondaga.*	
Frank E. Burdick,	*S. Richland,*	605 E. Genesee
William Burke,	*Syracuse,*	210 Harrison
Mrs. I. Van D. Burt,	*Phelps,*	703 E. Fayette
M. S. Clawson,	*Havana,*	419 Lodi
Daniel D. Donovan,	*Troy,*	324 S. Crouse ave
Joseph T. D. Fischer, B. Ph.,	*Syracuse,*	511 Univ. ave
James B. Gere,	*Syracuse,*	342 W. Onondaga
William P. Hewitt,	*Syracuse,*	612 McBride
Herbert H. Lane,	*Prescott, Can.,*	618 S. Salina
Charles E. Low,	*Pulaski,*	507 Orange
William T. Lunn,	*North'pton, Mass.,*	124 Noxon
Charles C. Mullin,	*Syracuse,*	610 E. Fayette
Dee W. Pierce,	*Central Square,*	713 Hickory
J. M. Rutledge,	*Syracuse,*	611 Catherine
Lucian H. Shepherd,	*Oswego,*	763 Irving
Joel Solomon,	*Syracuse,*	617 Montgomery
J. H. Sullivan,	*Syracuse,*	330 Midland ave
Arthur W. Thomas,	*Fabius,*	141 Holland
Sheridan P. Wait,	*Fort Edward,*	310 James
William L. Wallace,	*Oswego.*	
Warren L. Wetmore,	*Mexico,*	907 W. Fayette
Cornelia B. White,	*Syracuse,*	500 W. Onondaga
Charles F. Wiley, B. Ph.,	*Syracuse,*	706 Harrison
Kent E. Williams,	*Adams Center,*	210 Harrison

Summary of Students.

COLLEGE OF LIBERAL ARTS.

Post-Graduate Students,		128
Resident Post-Graduate,		1
Senior Class,	45	
Junior Class,	60	
Sophomore Class,	71	
Freshman Class,	97	
Special Students,	31	304

COLLEGE OF FINE ARTS.

Resident Post-Graduate Students,		2
Senior Class,	18	
Junior Class,	35	
Sophomore Class,	75	
Freshman Class,	108	236
Gymnasical Students in Music		47

COLLEGE OF MEDICINE.

Third Year	10	
Second Year,	16	
First Year,	29	55
		773
Names repeated		10
Total,		763

Calendar.

1893.

Jan. 10, *Tuesday*—Winter term begins.

" 17, *Tuesday*—Semi-annual meeting of Trustees.

" 26, *Thursday*—Day of prayer for colleges

Feb. 7, *Tuesday*—First term of the College of Medicine ends.

" 8, *Wednesday*—Second term of the College of Medicine begins.

March 27-April 5—Term examinations.

April 6, *Thursday*—Supplementary examinations.

" 11, *Tuesday*—Spring term begins.

May 1, *Monday*—Seniors present their Commencement Orations.

June 5-9, Final examinations of seniors.

" 15, *Thursday*—Second term of the College of Medicine ends.

" 13-22, Term examinations.

24, *Saturday*, 10 A. M.—Annual meeting of University Senate.

25, *Sunday*, 10:30 A. M.—Baccalaureate Sermon.

26-28, *Monday-Wednesday*—Annual Exhibition of the Works of Art produced during the year

26, *Monday*, 9 A. M.—Entrance examinations begin.

3 P. M.—Class Day exercises.

8 P. M.—Annual Musical Soiree.

27, *Tuesday*, 10 A. M.—Annual meeting of Trustees.

10 A. M.—Annual meeting of Alumni Association.

8 P. M.—Literary Meeting of Alumni Association.

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COLLEGE OF LIBERAL ARTS.

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Junior Class,	60	
Sophomore Class,	71	
Freshman Class,	97	
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Senior Class,	18	
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Sophomore Class,	75	
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8 P. M.—Annual Musical Soiree.

27, *Tuesday*, 10 A. M.—Annual meeting of Trustees.

10 A. M.—Annual meeting of Alumni Association.

3 P. M.—Literary Meeting of Alumni Association.

June 28, *Wednesday*, 2 P M.—COMMENCEMENT.

29, *Thursday*—Summer vacation begins.

Sept 18, *Monday*, 9 A. M.—Entrance examinations begin.

" 21, *Thursday*, Fall term begins. Students assemble in chapel at 9:30 A. M.

Oct. 3, *Tuesday*—First term of the College of Medicine begins.

Nov. 23-25, *Thursday-Saturday*—Thanksgiving Recess.

Dec. 13-22, Term examinations.

" 22, *Friday*, Fall term ends. Holiday recess begins.

1894

Jan. 9, *Tuesday*—Winter term begins.

" 25, *Thursday*—Day of prayer for colleges.

Feb. 6, *Tuesday*—First term of the College of Medicine ends.

" 7, *Wednesday*—Second term of the College of Medicine begins.

March 26—April 4, Term examinations.

April 5, *Thursday*—Supplementary examinations.

" 10, *Tuesday*—Spring term begins.

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SYRACUSE UNIVERSITY

1893-4.

TWENTY-THIRD ANNUAL.

HALL OF LANGUAGES.

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ANNUAL

OF THE

SYRACUSE · UNIVERSITY

FOR THE

COLLEGIATE YEAR

1893-94.

SYRACUSE, N. Y.:
MDCCCXCIII.

E. M. GROVER,
PRINTER AND BINDER,
SYRACUSE, N. Y.

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TRUSTEES AT LARGE.

		TERMS EXPIRE IN JUNE.
HON. CHARLES ANDREWS, A. M., -	*Syracuse,*	1894
O. H. P. ARCHER, - -	*New York,*	1894
ERASTUS F. HOLDEN, - -	*Syracuse,*	1894
REV. JOHN M. REID, D. D., LL. D., -	*New York,*	1894
REV. BENONI I. IVES, D D., -	*Auburn,*	1896
JOHN LYMAN, - - -	*Syracuse,*	1896
FREDERICK R. HAZARD, -	*Syracuse,*	1896
JOHN S. HUYLER, - -	*New York,*	1896
HON. LUTHER C. SLAVENS, - -	*Kansas City, Mo.,*	1896
HON. PETER BURNS, - - -	*Syracuse,*	1898
HON. JAMES J. BELDEN, - -	*Syracuse,*	1898
ALFRED A HOWLETT, -	*Syracuse,*	1898
JOHN D. ARCHBOLD, - -	*New York,*	1898
THEODORE IRWIN, - -	*Oswego,*	1898

ALUMNI TRUSTEES.

EDWIN NOTTINGHAM, PH. B.,	*Syracuse,*	1894
CHESTER A. CONGDON, A. B.,	*St. Paul, Minn.,*	1896
WILLIAM NOTTINGHAM, PH. D.,	*Syracuse,*	1898

CONFERENCE TRUSTEES.

CENTRAL NEW YORK CONFERENCE.

REV. LUKE C. QUEAL, D. D., - -	*Auburn,*	1894
REV. HIRAM GEE, - - -	*Ithaca.*	1895
FOREST G. WEEKS, - -	*Skaneateles,*	1896
JAMES B. BROOKS, A. M., -	*Syracuse,*	1897

GENESEE CONFERENCE.

		Terms Expire in June.
EDMUND OCUMPAUGH,	*Rochester,*	1894
Rev. WILLIAM C. WILBOR, Ph. D.,	*Buffalo,*	1895
GEORGE L. THORNE,	*Buffalo,*	1896
Rev. J. E. BILLS, D. D.,	*Rochester,*	1897

NEW YORK CONFERENCE.

J. D. SLAYBACK,	*New York,*	1895
SAMUEL C. PULLMAN,	*New York,*	1897
SAMUEL H. BOWNE,	*New York,*	1899

NEW YORK EAST CONFERENCE.

WILLIAM I. PRESTON,	*Brooklyn,*	1895
Rev. GEORGE L. TAYLOR, D. D., L.H.D.,	*Brooklyn,*	1897
C. N. HOAGLAND, M. D.,	*Brooklyn,*	1899

NORTHERN NEW YORK CONFERENCE.

GEORGE P. FOLTS,	*Herkimer,*	1894
Rev. ELI C. BRUCE D. D.,	*Syracuse,*	1895
EDWIN R. REDHEAD, A. B.,	*Fulton,*	1896
ELIPHALET REMINGTON,	*Ilion,*	1897

TROY CONFERENCE.

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(54 Hall of Lang.) 621 Crouse avenue.

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Emeritus Professor of Science and Art of Medicine and Clinical Medicine—Chief of Staff of St. Joseph's Hospital.
424 South Salina.

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Professor of Pediatrics; Physician to House of Good Shepherd, and Member of Consulting Staff of Dispensary, 224 Harrison.

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324 Montgomery.

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Professor of Clinical Surgery; Surgeon to St. Joseph's Hospital,
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LIBRARIAN OF THE COLLEGE OF MEDICINE,
Professor of Ophthalmology; Ophthalmologist to House of Good Shepherd, Dispensary and Onondaga County Orphan Asylum,
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326 Montgomery.

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1111 East Genesee.

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15 Third National Bank Building.

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General Information.

COLLEGES.

The University has three Colleges organized and in operation. These are:

I. THE COLLEGE OF LIBERAL ARTS,
II. THE COLLEGE OF FINE ARTS,
III. THE COLLEGE OF MEDICINE.

They are open to men and women on the same conditions.

GROUNDS AND BUILDINGS.

The University Campus contains fifty acres, and is beautifully situated in the southeastern part of the city, commanding an extensive view of the surrounding country.

The Hall of Languages, occupied by the College of Liberal Arts, is a dressed limestone building, 180 by 96 feet, four stories in height.

The Charles Demarest Holden Observatory is built of rock-faced gray limestone. It is equipped with an eight-inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, spectroscope, etc. It is also provided with apparatus for meteorological observations.

The Library Building, constructed of limestone and Trenton brick, with terra cotta trimmings, was completed in 1889. It has abundant room for all needed library appliances, and shelving in the stack room for 135,000 volumes.

The Gymnasium and Christian Association Building is constructed of brick, with limestone trimmings. It is 101 by 70 feet extreme measures. It contains all the appointments for a first-class gymnasium ; also parlors, office and assembly room for the Christian Association work of the University.

A thorough medical examination is given every student when he enters upon gymnasium work, and his exercises are adapted to the requirements of his health.

The John Crouse Memorial College Edifice, built and furnished by the late John Crouse, and his son, D. Edgar Crouse, is of Long Meadow red sandstone, with granite foundation. It is four stories high, 162 by 190 feet in extreme dimensions, and is one of the most imposing of College structures. The College of Fine Arts is in this building.

The College of Medicine occupies three suitable buildings on Orange street, near Genesee.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz. :

Hudson River Institute and Female College, at Claverack ; Cazenovia Seminary, at Cazenovia ; Ives Seminary, at Antwerp; Onondaga Academy, at Onondaga Valley; Yates Union School, at Chittenango ; and Genesee Wesleyan Seminary, at Lima.

ENDOWMENTS AND PROPERTY.

The University has $550,000 of productive endowment. The present net value of its entire property is about $1,800,000.

LIBRARIES.

The general library contains 43,000 volumes and 9,000 pamphlets and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University.

The College of Medicine has a valuable professional library accessible to the medical students.

MUSEUMS.

The University Museum contains a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains;
2. An extensive lithologic collection representing all the leading types of rocks;
3. A collection of fossils illustrating especially the paleontology of New York State;
4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds;
2. A considerable collection of alcoholic specimens, mostly of Invertebrates;
3. A collection of shells abundantly representing nearly all molluscan families;
4. A collection of several hundred species of fishes from the U. S. Fish Commission and from private donations.

In Botany a well-ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The following donations to the Museum have been received during the year:

1. Biological—Collections of Marine Algae and Phanerogams, properly identified and mounted for the herbarium, by Dr. C. C. Curtiss, '88; collections of Fungi, by W. H. Jakway and W. P Graham, '93.

2. Geological—W. P. Graham, '93, Brontozoum Sillimanium, and B. giganteum. Prof. H. A. Peck, specimens of Talc.

3. Archeological—Malayan coins of date prior to 800, A. D., by Mr. Roundsville Wildman, '88.

Further collections are needed and donations solicited.

The College of Medicine has an excellent Museum, extensive in the department of pathology, and amply provided with the means of illustration of the Materia Medica. It has recently received from Mrs. J. M. Wieting the gift of the late Dr. J. M. Wieting's anatomical apparatus, consisting of manikins, dried specimens, etc., valued at $10,000.

The College of Fine Arts has several thousand photographs, engravings and chromo lithographs, and a fine collection of plaster casts. To these have been added the celebrated Wolff collection of engravings, containing 12,000 sheets of rare and costly etchings and engravings representing the great masters of the art in all ages. This great collection was the gift of Mrs. Harriet T. Leavenworth, of Syracuse, in April, 1889.

SCHOLARSHIP HONORS.

The College of Liberal Arts has established a system of honors by which students maintaining high rank in class work throughout the term are admitted to special honor examinations, and upon successfully passing these, are recorded as *first grade* students for the term. Those who maintain *first grade* rank for two or more terms in the year for two years are eligible to commencement honors.

2

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. Thirty-seven of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical Course the degree of *Bachelor of Arts;* the Latin-Scientific Course, *Bachelor of Philosophy;* the Science Course, *Bachelor of Science;* the Course in Architecture, *Bachelor of Architecture;* the Course in Painting, *Bachelor in Painting;* the Course in Music, *Bachelor of Music;* the Course in Medicine, *Doctor of Medicine.*

The degree of Doctor of Philosophy is conferred after two years of resident study upon regular graduates of reputable colleges, complying with the conditions set forth in the Post-Graduate Courses of Study, published by the University. The Master's degree is in like manner conferred after one year of study in residence, or two years of non-resident study. These courses may be obtained on application to the Dean of the Faculty of the College of Liberal Arts. In this College the usual Master's degree is conferred three years after that of Bachelor upon such as pursue liberal studies. After 1897 no degrees *in cursu* will be conferred.

For the Master's degree in the College of Fne Arts, see index.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its anniversary, At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend Sabbath morning church service.

EXPENSES.

In the College of Liberal Arts, the tuition is $20.00 per term; to the sons and daughters of clergymen, $10.00. When a student is dependent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for tuition in the College of Liberal Arts, and for one-fourth of his tuition in the College of Fine Arts, to be paid at his earliest convenience after leaving college. An incidental fee of $5.00 per term is charged in the College of Liberal Arts. The cost of materials used in the Chemical, Physical and Biological Laboratories is defrayed by the student and does not exceed $5.00 per term in each.

In the College of Fine Arts the tuition is $40.00 per term; to sons and daughters of clergymen, $20.00 per term. Students desiring to do so, may arrange for private instruction in music by engaging the entire hour. The following is a schedule of prices for such students in music as do not pay regular tuition:

Two Piano, Vocal or Violin lessons of one hour each per week (in classes of three), ...	$18 00
One Piano, Vocal or Violin lesson of one hour per week (in clases of three), ...	9 00

Two Organ lessons of one hour each per week (in classes of three),	20 00
One Organ lesson of one hour per week (in classes of three),	10 00
Two Theory lessons of one hour each per week (in classes),	6 00

A matriculation fee of $5.00 is required of every student, on admission to the University, and $20.00 for graduation and diploma.

In the College of Medicine, the fees and expenses are:

Matriculation,	$ 5 00
Dissection, including material,	12 00
Tuition for each year,	80 00
Graduation,	25 00

If payment is made for the three years in advance, the charge is, after matriculation, $200.00.

Children of regular physicians and the children of clergymen, may avail themselves of a reduction of one-half the above tuition fee for each year, or if payment is made for the three years in advance, the charge is, after matriculation, $100.00.

Students not in the regular course, receiving instruction in one or two branches, are charged after matriculation, $18.00 per term for a single study.

College of Liberal Arts.

Faculty of the College of Liberal Arts.

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Professor of English Literature.

JOHN R. FRENCH, LL. D., DEAN,
Francis H. Root Professor of Mathematics.

REV. W. P. CODDINGTON, S. T. D.,
William Penn Abbott Professor of Philosophy and Pedagogy.

FRANK SMALLEY, A. M., PH. D.,
Gardner Baker Professor of Latin Language and Literature.

EUGENE HAANEL, PH. D. (BRESL.), F. R. S C.,
Professor of Physics and J. Dorman Steele Professor of Theistic Science.

WILLIAM H. MACE, A. M.,
William Griffin Professor of History and Political Science.

CHARLES W. HARGITT, PH. D.,
Professor of Biology and Geology.

REV. JOHN HEDDÆUS, B. D., PH. D.,
Professor of Modern Languages.

WILLIAM G. WARD, A. M.,
Professor of Rhetoric, English Criticism and Oratory.

HENRY A. PECK, A. M.,
Professor of Astronomy and Director of the Observatory.

EDGAR A. EMENS, A. M.,
Professor of Greek Language and Literature.

F. J. HOLZWARTH, A. M., PH. D.,
Professor of German.

ERNEST N. PATTEE, M. S.,
Instructor in Chemistry.

HENRY O. SIBLEY, PH. D., LIBRARIAN,
Instructor in Library Economics.

JOHN R. FRENCH,
Secretary of the Faculty.

CHARLES W. HARGITT,
Curator of the Biological Cabinet.

ERNEST N. PATTEE,
Curator of the Mineralogical Cabinet.

COURSES OF STUDY.

The Classical Course is substantially the same as is pursued in the best American Colleges, and includes a considerable amount of modern languages.

The Latin Scientific Course is nearly identical with the Classical, except in the substitution af German and other subjects for the Greek.

The Science Course offers good facilities for thorough laboratory work in several distinct lines, as shown in the schedule of Parallel Courses. (See index.)

In the Junior year, nearly one-third of the student's time is devoted to elective work; in the Senior year, the range of election is larger.

Students preparing for college are advised to study stenography wherever practicable, as it will be of great service in taking notes of lectures.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

1. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:

(1.) English.—1. Each candidate will be required to write a short English essay upon a subject announced at the time of the examination. This essay will be expected to show a general familiarity with the works mentioned below, and will be examined with especial attention to accuracy of grammar, spelling, punctuation, division into paragraphs, and expression.

In 1894, the subjects for this essay will be taken from two or more of the following works:—Shakspere's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, Arnold's Sohrab and Rustum, the Sir Roger de Coverley Papers in the Spectator, Macaulay's second Essay on the Earl of Chatham, Emerson's American Scholar, Irving's Sketch Book, Scott's Abbot, Dickens' David Copperfield.

In 1895, they will be taken from the following :—Shakspere's Merchant of Venice and Twelfth Night, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverly Papers in the Spectator, Macaulay's Essay on Milton and Essay on Addison, Webster's first Bunker Hill Oration, Irving's Sketch Book, Scott's Abbot.

In 1896, they will be taken from the following :—Shakspere's Merchant of Venice and Midsummer Night's Dream, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, Macaulay's Essay on Milton, Webster's First Bunker Hill Oration, DeFoe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, George Eliot's Silas Marner. All the books named for a given year are to be read by each candidate.

2. Each candidate will be required to criticise specimens of English given him at the time of the examination. Teachers of English in the preparatory schools are urged to insist upon practical, rather than theoretical, knowledge of rhetoric. The specimens of bad English, referred to above, will assume entire familiarity with Parts I. and II. of Clark's Practical Rhetoric, or its equivalent.

(2.) GEOGRAPHY.—Ancient and Modern; Political and Elements of Physical.

(3.) HISTORY.—*United States; Roman*, to the end of the third Punic War; *Greek*, to the end of the Peloponnesian War.

(4.) MATHEMATICS.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra or its equivalent; *Plane Geometry*, the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5.) PHYSICS.—J. Dorman Steele's work or its equivalent.

(6.) PHYSIOLOGY.—Martin's Brief Course on the Human Body.

(7.) LATIN.—*Latin Grammar* complete; four books of *Cæsar's Commentaries* on the Gallic War; six of *Cicero's Orations*, of which four must be those against Catiline; six books of *Virgil's Æneid* and the ten *Eclogues* with special reference to the prosody; *Latin Composition;* ability to read easy Latin at sight. The Roman method of pronunciation is used. The candidate should be thoroughly prepared in grammatical principles.

(8.) GREEK.—Goodwin's *Greek Grammar;* three books of the *Anabasis;* three books of the *Iliad;* the exercises in the first half of White's or Jones' *Greek Prose Composition*, or the first three chapters of Boise's.

Regents' certificates are accepted for the preparatory studies which they cover.

2. Candidates for the Latin-Science Course are examined in the studies required for the Classical Course, excepting the Greek; and are also examined in German as follows: (1) the principles of the grammar and construction for translating English into German; (2) the translation of 100 pages of Grimm's or Anderson's Maerchen, or 60 pages of Hauff's Maerchen, or an equivalent, and one play of Goethe, Schiller or Lessing; (3) ability to translate at sight easy German, other than the above.

3. Candidates for the Science Course are examined in all the studies required for the Latin-Scientific Course, but in place of the Latin they may offer the following French: (1) the grammar equivalent to Part II. of Edgren's French Grammar to page 110, or Part I. of Bocher's Otto, or Whitney; (2) the translation of l'Abbe Constantin entire, or 250 pages of Jenkins' Contes Choisis, or 10 books of Fenelon's Telemaque, or any two of Jenkins' plays of the Theatre Contemporain, or of Holt's College Series of French Plays; (3) ability to translate at sight easy French other than the above.

II. To Advanced Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade.

III. Special Students.

Students who do not desire to complete any of the regular courses of study, may pursue such studies as their qualifications permit. They are expected to attend such general exercises as may be assigned to them, be subject to all the general rules, and take work enough to occupy all their time.

TREATMENT OF SUBJECTS.

1.—English Literature.

The work in this department embraces the study of English literature from its beginnings to the present, together with so much of the history of the English people and language as is necessary to an intelligent comprehension of the literature.

The writings of the best authors of the several periods are examined and characterized in the classes, and the genesis and growth of the various forms of literature carefully considered.

Course I. Introduction to English Literature.

A.—Outline of historic periods from Chaucer to the present time. Lectures on Emery's Syllabus with references to Green, Taine, Minto, Phillips and Welch.

B.—Class-room reading and discussion of the text of leading writers, to the age of Queen Anne. The selections are varied from year to year. This year as follows :

First Term.—Chaucer's Prologue to the Canterbury Tales; The Knight's Tale; Part of Troylus and Cresside; Shakespeare's Macbeth. *Second Term.*—Selections from Spencer; Shakespeare's Sonnets, and one or more of his English historical dramas. *Third Term.*—Two books of Milton's Paradise Lost, L'Allegro, Il Penseroso and Lycidas; Selections from Herrick, Dryden and Pope.

C.—Besides the above, a number of Shakespeare's plays are read under the head of Elocution; and collateral reading and essays are required in connection with topics treated. Required course, Freshman year, two hours.

COURSE II. ENGLISH PROSE.

A crititcal study of representative prosewriters, not including novelists. Analytical reading and discussion of text with lectures. *First term*, Period of Queen Anne: De Foe, Swift, Addison, Steele. *Second term*, Johnson, Burke and Goldsmith. *Third term*, De Quincey, Macaulay and Carlyle.

REQUIRED COURSE, SOPHOMORE YEAR.—Collateral reading and essays on subjects treated.

COURSE III. THE ELIZABETHAN DRAMA.

Ulrici's Commentaries with lectures. The students read the entire text of the works treated, with references to Gervinus, Hudson, Dowden, Moulton and other authorities. *First term*, The Pre-Shakespearean drama, and Shakespeare's early comedies. *Second term*, Shakespeare's tragedies and his English Histories. *Third term*, Shakespeare's later comedies and the Romances, the later Elizabethan Drama.

JUNIOR: (*Elective*). Two hours throughout the year. Given last year, and alternating with course IV.

COURSE IV. ENGLISH ROMANTIC POETRY.

First term, Review of Eighteenth Century Poetry to Cowper and Burns. *Second term*, Byron, Shelley and Scott. *Third term*, Wordsworth and Coleridge. Lectures and crit-

ical study of masterpieces, with reference to the characteristics of the romantic school and the causes, social and political, which produced it.

JUNIOR: (*Elective*). Two hours, alternating with course III, which will be given next year.

COURSE V. VICTORIAN LITERATURE.

First term, Tennyson. Text and lectures, with reports on works not read in class. *Second term*, Browning. Carson's Introduction; Lectures on selected works. *Third term*, Victorian novelists.

SENIOR: (*Elective*). Two hours; given this year in alternation with course VI.

COURSE VI. AMERICAN LITERATURE.

A brief outline of its historical development, and study of selected works by representative authors. *First term*, General Survey. *Second term*, Representative Poetry. *Third term*, Later Prose.

SENIOR: (*Elective*) Two hours, alternating with course V.

LATIN.

The object kept constantly in view in this department is threefold: 1. To secure the results and training of a scientific study of the language. For it is believed that an ancient language presents one of the finest possible fields for scientific study, cultivating the faculties of observation and classification and the judgment; 2. To acquire the literary culture afforded by the study. Language mirrors the life of a people in its every aspect, especially their culture, history and literary attainments, and a critical study of it brings the student into contact with that life; 3. To instruct the pupil not only in the principles of the language, but to train him to read understandingly Latin of ordinary difficulty without translating. In no other way can an author

be appreciated, for both the thought and the style suffer in translation, the latter especially being quite incapable of reproduction in another tongue.

FRESHMEN: *First term*, Cicero, De Senectute and De Amicitia; Latin Composition; Roman History; Analysis; Reading at sight throughout the year. Four hours a week. *Second term*, Livy, I. and XXI; Latin Composition; Roman History; Analysis; Written Translations. Four hours a week. *Third term*, Juvenal and Persius; Prosody; Roman Satire. Three hours a week.

SOPHOMORES: *Second term*, Horace, Selections from the Odes, Epodes, Satires and Epistles; Study of Roman Life, Society, Customs, etc. Essays; Scansion of Horatian Meters. Three hours a week.

JUNIORS: *First term*, Philosophical Latin; Tusculan Disputations; Ancient Philosophy; Lectures. Three hours a week. *Second term*, (*Elective.*) Options are offered as follows: (1) A Study of the Methods of teaching Latin. This includes an examination of the proper aim and province of Classical study; the Methods of Preparatory Schools; the Inductive method; the Pronunciation of Latin; Preparation of papers; Illustrative Reading in Cæsar or Cicero; (2) Tacitus: Histories, or Annals, or Germania and Agricola; (3) Suetonius, I. and II.; (4) Lucretius; (5) Quintilian, X. and XII.; (6) Cicero: Brutus, or Letters; (7) Horace: Art of Poetry and other Epistles, or Satires; (8) Seneca: Letters and Moral Essays; (9) Pliny, Letters; (10) Vergil, Georgics. Three hours a week. *Third term*, Roman Literature: Selections from the poets Catullus, Tibullus, Propertius, Lucan, etc.; Sight reading of short selections covering the entire range of the literature. Three hours a week.

SENIORS: *First term*, (*Elective*). Options as follows: (1) Cruttwell's Roman Literature; Lectures on the Origin and Development of the Latin Language; Allen's Remnants of Early Latin; (2) A Play of Plautus and one of Terence

with a comparative study of the authors; (3) Selections from the Epigrams of Martial and the Satires of Juvenal. Two hours a week. *Second term*, (*Elective*). (1) Latin Seminary. Critical study of an author; Individual Research; Papers. Or (2) Lectures on Roman Antiquities. One hour a week. *Third term*, (*Elective*). (1) Latin Seminary, of the same character as in the preceding term. Or (2) Thesis.

3.—GREEK.

I. HOMER: The Iliad. Books VI. IX. XI. Study of the Principal Homeric Forms and Syntax. Jebb's Homer. First term (3 hours). XENOPHON: The Memorabilia. Greek Grammar, Goodwin. Greek History. Second term (3 hours). AESCHYLUS: Prometheus Bound, with Selections from the Agamemnon. Metres of the Greek Drama. Lectures on the Development and Growth of the Greek Drama. Third term (5 hours). Exercises in sight-translation throughout the year. Course I. is required of Classical and Greek Scientific Freshmen.

II. PLATO: Apologia and Crito. Greek Prose Composition. Lectures on Greek Philosophy. First term (3 hours).

DEMOSTHENES: The Olynthiacs and Philippics. Butcher's Demosthenes. Lectures on Greek Oratory. Third term (3 hours). Course II. is required of Classical and Greek-Scientific Sophomores.

III. ARISTOPHANES: The Frogs and Acharnians. Mahaffy's Old Greek Life. Lectures on Greek Comedy. Second term (3 hours).

IV. LUCIAN: Selections from the Dialogues. Lectures on the Life and Times of Lucian. Third term (3 hours). Course III. and IV. are elective for those who have taken I. and II.

V. HELLENISTIC GREEK: Selections will be read from the New Testament. The linguistic side will be critically

examined. First term (3 hours). Given in 1893, alternating with VI.

VI. HOMER: Odyssey. This course has for its main object the reading of a large amount of Greek. First term (3 hours). To be given in 1894. Courses V. and VI. are elective for those who have taken I. and II.

VII. PINDAR: Selected Odes, with a study of the History of Greek Lyric Poetry. Second term (3 hours). Course VII is elective for those who have taken I. II. and either III. or VI.

VIII. HISTORY AND METHODS OF TEACHING GREEK: The Hellenica of Xenophon will be used for illustrative reading. Third term (2 hours). This course is elective for those who have taken I. and II.

4.—MODERN LANGUAGES.

GERMAN.—The German language, as has been said by eminent philologists, affords of all living languages the best opportunity for mental discipline; and while the attainment of this result is aimed at in all the work of this course, yet a more important consideration is not overlooked, viz.: That, being the means of thought-transference of a very great nation still at the height of its political and intellectual life and development, the German language must be studied as a living language in order to make the study as fruitful and productive of good results as its potency warrants.

Facility of understanding the written and spoken word, and of expression therein, is the goal towards which the work is directed—a scientific knowledge of the language and its literature is, however, not neglected.

The best prose writers of our own time, as well as the classics, are read and critically considered. Conversational exercises based on matter read, or incidental to it, together with exercises in composition are calculated to afford opportunity for the ready and correct use of the language in speaking and writing.

Higher grammar is studied by itself and in connection with the other work. Lectures and informal talks are given, particularly during the spring term, to supplement the different studies.

SYNOPSIS OF STUDIES AND BOOKS USED.

FIRST YEAR.—Classical Course: *First term*, Elements of grammar, translation of English into German, and German into English. *Second and third terms*, Advanced grammar, German composition and translation. Exercises in dictation and conversation. Latin-Scientific and Science Courses: *First term*, Review of elements of grammar and sentence construction, German composition, modern prose. *Second term*, Advanced grammar, composition, classic prose. *Third term*, Grammar, word derivation and composition, classic prose. Exercises in dictation and conversation.

The following courses, A and B, are pursued alternately during the SECOND and THIRD YEARS:

COURSE A.—Advanced grammar. Study of the great poets of the last century, also of scientific and philosophic prose. Sight reading. Verbal and written translation of English prose. Conversation and composition. Dictation.

COURSE B.—1893–4, Advanced grammar. Study of the great prose writers of this and the last century, also of scientific and philosophic prose. Sight reading. Composition, descriptive, narrative, epistolary. History of Literature. Conversation. Dictation.

Books used: Joynes-Meissner's German Grammar. Whitney's German Grammar. Macmillan's German composition. Jaeger's German Composition. Maerchen of Grimm, Anderson, Hauff. Selections from the works of Goethe, Schiller, Lessing, Heine, Hauff, Auerbach, Riehl, Freytag, Heyse, Niebuhr, Koerner. Litteraturgeschichte von Kluge, Koenig, Scherer; Mustersammlung deutscher Gedichte; Steiger's Colloquial Method; Gore's German Science Reader.

FRENCH.

The reasons for the study of French as a living language, i. e. with especial reference to its use in daily life, are very much the same as those adduced for German. Reading, composition and conversation are, therefore, primarily cultivated, while, at the same time, all available means are used to insure a scientific knowledge of the language. The manner of procedure is from the concrete to the abstract. The ear and tongue, as well as the eye, being engaged in the system employed, a receptive, together with a constructive activity is called out and the scientific study of the facts obtained follows by natural evolution.

FIRST YEAR:—A complete course of grammar is illustrated and exemplified by exercises and by reading. Especial attention is from the first paid to idioms, reading being commenced at a very early stage, and all books used are chosen with particular reference to their beauty and purity of idiom and diction.

The conditions for a fuller course in composition and conversation are, by degrees, prepared, and such a course is begun during the last two terms. Continuously incidental reference is made to historical grammatical development.

SECOND AND THIRD YEARS:—The time is about equally divided between exercises in reading, composition and conversation. Each is made to complement and assist the others. The works read represent most of the best prose writers of the day, as well as the classics of the crowning period of French literature. Advanced grammar is studied and applied to the regular work. Lectures, supplementing the course, are given in the latter part of each year.

SYNOPSIS OF STUDIES AND BOOKS USED.

FIRST YEAR.—Elements of French grammar; written and verbal translations of French-English and English-French. Sight reading and translation of classical and scientific prose. Conversational French; Composition.

The following courses, A and B, are pursued alternately during the SECOND and THIRD YEARS:

COURSE A.—Advanced grammar and translations of English-French and French-English. Philosophic and scientific prose reading. Reading of representative works of Racine, Molière, Corneille, Bossuet, Pascal. Study of Marcillac's Manuel d'Histoire de la Littérature Française. Sight reading. Conversation and Composition. Lectures.

COURSE B.—1893–4.—Advanced grammar. Translations English-French and French-English. Reading of Jenkins' Les Prosateurs Français du XIX ième Siècle by C. Fontaine. Scientific Prose. Historical grammar. Conversation, dictation and composition. Sight reading. Lectures.

BOOKS USED.—Chardenal's Complete French Course. Macmillan's French Composition. Edgren's French Grammar. Selections from the works of About, Halévy, Hugo, Daudet, Sand, DeVigny, Flammarion, Gréville, Corneille, Molière, Racine, Boileau, La Fontaine, Bossuet, Pascal, Jules Verne, Voltaire and others. Marcillac's Manuel d'Histoire de la Littérature Française, Jules Luquiens' Science Reader, Simple's Lectures sur les Sciences, les Arts et l'Industrie, by J. Garrigues and Boutet de Monvel; C. Fontaine's Prosateurs du XIX ième Siècle. Brachet, Historical Grammar.

5.—MATHEMATICS.

FRESHMAN: *Algebra*, (Wentworth's College)—Quadratic equations, reviewed, calculus of radicals, theory of indeterminate coefficients, binomial theorem and its application to the development of functions, theory and use of logarithms, elements of the theory of equations, and Horner's Method of solving high equations.

Geometry, (Wentworth's)—Regular polygons, measurement of the circle, maxima and minima of plane figures, solid and spherical geometry.

SOPHOMORE: *Trigonometry*, (Wentworth's) plane and spherical; *Land Surveying* with field exercises.

Analytic Geometry. (Bowser's)—Construction of equations, production of equations of plane loci, transformation of coordinates, properties of the conic section.

Calculus, (Bowser's)—*Differential*, Differentiation of functions of a single variable, Maclaurin's and Taylor's Theorems with binomial theorem and theory of logarithms deduced, maxima and minima of functions of a single variable, evaluation of indeterminate forms; *Integral*, Elementary forms, binomial differentials, rectifications and quadrature of plane curves, cubature of volumes of revolution.

JUNIOR: *Calculus*, an additional term is devoted to the study of the properties of curves and more advanced intergrations, elective in the Classical and Latin-Scientific courses; *Mechanics*, (Bowser's)—[elective in the Classical and Latin-Scientific courses, required in the Science course,] composition of forces, center of gravity, problems in construction, discussion of machines, the pendulum, projectiles, work, composition of rotations.

Astronomy—Four courses are offered in this subject:

1. General Astronomy for one term, embracing the elementary principles of Spherical and Physical Astronomy, such as parallax, refraction, precession and aberration, together with a summary of Descriptive Astronomy.

2. Practical Astronomy extending through two terms, in the first of which the instrument chiefly used is the sextant, and in the second as thorough a study as the time will permit is made of the transit, equatorial and filar micrometer.

3. Physical Astronomy, one term, in which the principles of this branch of the subject are more fully treated than in the course in General Astronomy.

4. Spectrum Analysis for two terms, leading to a knowledge of the methods employed in the New Astronomy.

6.—CHEMISTRY.

The following courses in Chemistry are offered for the year 1893–4:

I. INTRODUCTORY CHEMISTRY: Laboratory work on the more common non-metals. By a series of connected experiments, the student is taught the use of chemical apparatus, and the proper method of performing chemical operations; while the laws of chemical action are fully illustrated. Freshman year.

II. SOPHOMORE CHEMISTRY: This is a continuation of course I. The work is done chiefly in the laboratory. The study of the properties of the non-metals is completed, and the principles of Theoretical Chemistry are fully presented. First and second terms of the Sophomore year.

III. This course covers, in a brief way, and without laboratory work by the student, the ground covered by courses I. and II. The work consists of recitations and lectures, illustrated by experiments performed before the class. Second and third terms of the Junior year.

IV. ANALYTIC CHEMISTRY: This consists of a complete course in Qualitative Analysis, and the Quantitative estimation of all of the more important metals. Junior year.

V. This consists of one term in Qualitative Blow-Pipe Analysis, one term in Crystallography and Determinative Mineralogy, and one term in Assay work, or Advanced Mineralogy. Third term of the Junior year; and first and second terms of the Senior year.

VI. VOLUMETRIC ANALYSIS: Laboratory work in preparing and testing Standard solutions, and in performing the more important volumetric determinations. First term of the Senior year.

VII. ORGANIC CHEMISTRY: Theoretical and descriptive work, together with the preparation of such compounds as best illustrate the principles studied. First term of the Senior year.

7.—PHYSICS.

During the Sophomore year a general course of lectures is delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, the Correlation and Conservation of Energy, Heat and Light.

The notes taken of the lectures in the class-room are required to be put into proper form and transcribed into a note-book. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations upon all subjects lectured upon are held throughout the term. The percentage made at these examinations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determine the standing of the student.

Elective Physics.—Electricity and Magnetism, which have assumed such importance in modern times, have been selected for the course in Elective Physics, in the Junior year, to train students in the methods of physical enquiry and to introduce them into the knowledge of physical measurements. This is followed in the Senior year by laboratory work in the subjects Heat and Light. For this purpose a Physical Laboratory has been fitted up with convenient tables for work. Complete sets of apparatus and measuring instruments have been provided for the use of students, and through the liberality of Mrs. Dr. J. Dorman Steele the Laboratory and Physical Cabinet have been fully equipped with *standard* instruments of the most recent

and improved pattern, constructed for the institution by the best makers abroad. The tool-room, furnished with lathes and planer and other necessary tools, provides the requisites for the setting up of apparatus and the making of such simple accessory apparatus as may be demanded by the course of lectures given. The subjects are treated by lectures, in which the theories are developed and instructions given for the successful performance of experiments in illustration of the fundamental facts of the science. The course in Physics is intended to enable those who may wish to teach this subject to acquire the skill necessary for successful experimentation and accuracy in physical measurements. Electricity and magnetism are treated with sufficient fullness to serve as a sound basis for those who desire to make electric engineering their profession.

8.—SPECTROSCOPY.

A course in Spectrum Analysis, covering three terms, has been arranged for students making Physics, Chemistry and Astronomy their specialties. In the first term the solar spectrum is studied, and the Fraunhofer lines are plotted and used for reference lines in all future work. The flame spectra are then observed, and after plotting any apparent coincidences of lines are investigated by means of the comparison prism. The second term is devoted to the study of spark spectra, using both solutions and metal electrodes, and in addition such gases as may be deemed advisable. This is followed in the Senior year by the study of the absorption spectra of solutions and their modifications by reagents. Attention is also directed to the construction of the interpolation curve for the conversion of the readings of the dispersion spectrum into wave lengths, the use of the diffraction grating and the direct determination of wave lengths.

9.—BIOLOGY.

Biology is required in all the courses during the third term of the Sophomore year, and is introductory to the general

and special courses announced below. To students showing special aptness in the preliminary and general courses there is opportunity for continuous work along special lines during both Junior and Senior years. This will consist, in the main, of practical laboratory investigatiou of the structure and development of animals and plants, supplemented by such quizzes and demonstrations as may from time to time be necessary.

The opportunities and facilities for work in this department have recently been considerably extended. Important additions have been made in laboratory appointments and apparatus. Among them may be mentioned an extensive series of zoological charts, anatomical and botanical models, skeletons, etc.

The following elective courses are offered for the year 1893–4:

I. GENERAL ZOOLOGY: The first term will be devoted to the morphology of the Invertebrates. This will be followed during the second term by the morphology of the Vertebrates. The basis of the course will be laid in a consecutive series of lectures upon general morphology, supplemented by constant reference to the l terature of the subject, which the student will be required to consult in connection with the laboratory work as an integral part of the course.

II. SYSTEMATIC ZOOLOGY: Special courses in Entomology, Ornithology, or such other group as the student may elect. To follow course I.

III. COMPARATIVE ANATOMY AND PHYSIOLOGY: A laboratory course specially designed as introductory to the study of medicine. To follow course I.

IV. OSTEOLOGY AND HISTOLOGY: This course will be given in connection with course III., and will comprise studies in comparative osteology, methods of preparing tissues for histological study, and detailed drill in microscopic technique.

V. BOTANY: This course is continuous throughout the Junior year, and is devoted chiefly to structural and systematic botany, and vegetable histology. In method it is similar to course I.

VI. BACTERIOLOGY: A brief course will be offered to such as may be prepared to enter upon it, affording an introduction to a department of biology now very important in view of its economic and pathologic relations.

A fee of two dollars per term will be required in this department of all students electing laboratory courses. This is intended to merely cover the cost of materials, and the necessary wear of apparatus, and does not include breakage.

10.—ESTHETICS.

Weekly lessons are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

11.—RHETORIC, ENGLISH CRITICISM, AND ORATORY.

The instruction in this department aims to cover those subjects which directly pertain to the composition and forcible delivery of good English. The work is continuous throughout the course. (See schedule.)

In English Criticism especial attention is given to the details of correct style; students are expected to present all essay and oration manuscript in such form that it would, if published, require no corrections or additions by the printer.

1. RHETORIC.—*First year.* A study of the general process of invention in Genung's Rhetoric, with illustrations from Genung's Rhetorical analysis. Each student is required to present many written illustrations of the different

kinds of composition, besides frequent practice in writing at sight on given topics. Fall and Winter Terms. Two hours.

A study of style in Genung's Rhetoric, with selections from the Rhetorical Analysis. All written matter is carefully criticised and returned to the writer for emendation. Essays as before. (See schedule.) Spring Term. Two hours.

Second Year. Minto's Characteristics of English Prose Literature, with analysis of prose masterpieces, is continued throughout the year, one hour each term.

2. ORATORY.—The instruction in this department occupies one hour each week throughout the first three years. In the *first year* the pupil enters at once upon the practice of the art of expression by reading Shakespeare's plays and other writings from our great literature. In this way as many as twenty of Shakespeare's plays are read each year, in the various classes of the department. While this practical work is going on, the principles which form the science of expression are being slowly unfolded, according to the teaching of the Emerson School of Oratory.

In the *second year* gesture is taken up, by means of lectures, and is illustrated by forensic and semi-dramatic declamations.

The *third year* is devoted to the production of finished orations. Each oration is read and criticised with the author, by special appointment, and is afterward delivered in public.

The third year also includes a course in Forensics – the preparation of briefs and the art of extemporaneous discourse.

SCHEDULE.

		ENGLISH CRITICISM.	ORATORY.	ESSAYS AND ORATIONS.
FRESHMAN YEAR.	FIRST TERM.	Genung's Practical Rhetoric.	The *Art* of Elocution. Reading of Emerson's Evolution of Expression.	Two Essays of from 500 to 600 words each.
	SECOND TERM.	Genung's Practical Rhetoric and Rhetorical Analysis.	The *Art* of Elocution. Reading of Emerson's Evolution of Expression.	Two Essays of from 500 to 600 words each.
	THIRD TERM.	Genung's Practical Rhetoric and Rhetorical Analysis.	Reading of Shakespeare, with notes on the Interpretation of his Characters.	Two Essays of from 500 to 600 words each.
SOPHOMORE YEAR.	FIRST TERM.	Minto's Manual of English Prose.	Gesture, with notes on Delsarte. Three Forensic Declamations.	Two Essays of from 600 to 700 words each.
	SECOND TERM.	Minto's Manual of English Prose.	Three Semi-Dramatic Declamations.	No Essays required.
	THIRD TERM.	Analysis of Prose Masterpieces.	Shakespearean Readings and Debating.	Two Essays of from 600 to 700 words each.
JUNIOR YEAR.	FIRST TERM.	Meiklejohn's Hist'y of the English Language; pp. 193–268.	Principles of the College Oration	One Chapel Oration or Essay of from 700 to 800 words.
	SECOND TERM;	Corson's Hand Book of Anglo-Saxon and Early English.	Production and Rendition of Orations.	Same as first term.
	THIRD TERM.	Corson's Hand Book of Anglo Saxon and Early English.	Production and Rendition of Orations. Argumentation.	Same as first term.
SENIOR YEAR.	FIRST TERM.			One Oration or Essay of 800 words, delivered in the College Chapel.
	SECOND TERM.			Same as first term.
	THIRD TERM.	Analysis of Poetic Masterpieces. *(Elective.)*		One Commencement Oration or Essay of 800 words.

All essays and orations are carefully revised by noting, in the margin, every principle of form or style there violated. Selections are made from the Commencement orations for delivery at Commencement.

Early English.—An elective course of one hour per week in each term of the Junior year is provided in (1) History of the English Language, (2) Anglo-Saxon, (3) Early English. The course is consecutive, and is intended to give the student a working knowledge of the origin of his native tongue.

12.—PHILOSOPHY AND PEDAGOGY.

Psychology.—Psychology occupies three hours a week during the entire Junior year. It is taught by text-book and lectures under the forms of

1. Empirical Psychology;
2. Rational Psychology—Logic;
3. Applied Psychology—Pedagogy;

During the first and second terms of the Junior year one hour additional to the above may be elected for the investigation and discussion of special topics in Psychology by the Seminary method.

Pedagogy.—During the third term of both Junior and Senior years elective classes in Pedagogy are formed for the study of educational systems and methods. The study of Pedagogy has been introduced in order to meet the growing demand of such as purpose to make teaching their life work.

Ethics.—Ethics is a required study during the first term of the Senior year. It is the aim by text-book, lecture and discussion to develop in the mind of the student clearer views of the foundation of moral obligation, the conscience and the moral law. Much attention is given to recent ethical discussion and the student is referred to and encouraged in collateral reading. A Thesis on some topic germane to the term's study is required from each.

History of Philosophy.—The History of Philosophy is pursued during the second and third terms of the Senior year, occupying three hours a week.

Attention is mainly devoted to certain great representative names, such as Bacon, Des Cartes, Spinoza, Locke, Leibnitz, Hume, Reid, Kant, Hegel, Hamilton and others. Lectures and written disquisitions are used as supplementary to the text-book.

Evidences of Christianity. – During the last term of the Senior year five hours a week are given to recitations in the History and Philosophy of the Evidences of Christianity.

13.—History and Political Science.

History.—The University calls attention to the fact that it is prepared to offer unusual facilities for graduate courses in European history to students who have command of the German and French languages. The presence here of the great library of the celebrated Von Ranke, opens to such students a vast quantity of the primary sources of European history.

The work planned below, as a whole, aims at a knowledge of the institutional life of the progressive Aryan nations. Emphasis will be upon the origin and growth of ideas as the end and upon external events only as means. The following courses are arranged with this end in view.

I. Medieval and Modern History. The purpose here is to organize the general movements of political, religious, educational, industrial and social institutions into a historical whole. Material—Myer's Medieval and Modern History as an outline, readings in the library, and work with original matter.

II. From the Revival of Learning to the Treaty of Westphalia. This course has for its problem the origin and embodiment of the Protestant Impulse in political, religious, and social Life. Material—Seebohm's Protestant Revolution and Gardiner's Thirty Years' War as outlines, readings in the library, and lectures.

III. English History from 1509 to 1689, or from 1689 to 1885. These courses aim, by mastering the leading phases of English politics, to lay the foundation for an intelligent study of the English and American constitutions. Material—Gardiner's Students' History, Volume II. or III., readings in the library, and study of historical documents. The above comprise two alternating courses.

IV. English Constitution. Material—Bagehot's English Constitution as the outline, readings and lectures on the resemblances and differences between the English and American Constitutions.

V. American Political and Constitutional History to 1789. Theme: Growth of the American Constitution out of English precedents, Colonial practice, and Revolutionary philosophy. Material—Outline lectures, readings, and work with primary sources.

VI. American Political History from 1789 to 1880. Theme: Rise of the Spirit of Nationality and its embodiment in political organizations, measures and customs. Material—Johnston's American Politics as an outline, reading, and work on original matter.

VII. American Historical Seminary. A few students, who have shown special interest and aptitude in historical work may begin their Seminary work in the first term of the Senior year. The purpose is to furnish students the opportunity to investigate interesting topics, and to develop the method and spirit of historical research. Work with the sources.

VIII. French Revolution. A study of its causes and leading phases. Emphasis will be given to comparisons and contrasts with the English and American Revolutions.

IX. Pedagogy of History. A study of the Methodology of History for the purpose of aiding teachers and students of History. Given in alternate years.

Course I. is required. Course III. must precede course IV. Course III. and IV. are recommended as a preparation for courses V. and VI. Courses V. and VI. must precede course VII. Courses III. and V. must be taken before course VIII. Course IX. conditions courses V., VI. and VII.

Political Economy.—The general aim is to give insight into the nature of economic science, and to see its application in the business world. The following courses are offered for the present:

I. Elements of Economics. Material—Wayland-Chapin used as an outline, readings, and observation.

II. Finance. A study of money, with Jevon's Money and Mechanism of Exchange as the basis for discussions. Readings.

III. The Industrial Revolution. Material—Wells' Recent Economic Changes.

These courses are all elective, and must be taken in the order given above.

14.—DRAWING.

The work in Drawing is such as to be of practical use in representing results obtained in the different laboratories. It also enables the student more easily and thoroughly to understand the drawings which almost invariably accompany the descriptions of experiments and of scientific apparatus.

In Free Hand Drawing the student is first taught to see objects correctly and then accurately to represent them on paper.

In Perspective a thorougly scientific knowledge of the theory is taught, and problems are solved which are of practical utility. A little time is devoted to the Perspective of shades and shadows and of reflections.

In Mechanical Drafting Orthographic Projections are taught. Water color washes are employed as a means of

representing the modeling, shape and sections of objects much more effectively than by relying upon outline drawings alone. Attention is also given to Isometric Projections, and to Penetrations and Intersections of surfaces.

15.—Library Economics.

Opportunity will be given to such as desire it to take a course of instruction with the Librarian in Library Economics. The course will embrace (1) Library writing and appliances, (2) Books, size, form, binding, etc., (3) Study and practice in accessioning, indexing and cataloguing, (4) Record books—filing and indexing Library correspondence, (5) Study of, and practice in various systems of classification, (6) Bibliography, use of books, etc., (7) Original work in arranging, cataloguing, indexing, making shelf and finding lists, etc., of some portion of the library.

PARALLEL COURSES OF STUDY.

NOTE.—Numerals indicate the number of class exercises per week. Studies in roman letters are required; those in italics are elective, but a sufficient number must be elected to make sixteen exercises per week in the Junior, and fifteen in the Senior years.

A student may pursue as an elective any study in any course for which he is qualified.

		CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE. See note on the Science Course.
FRESHMAN YEAR.	FIRST TERM.	Algebra, 4. English Literature, 2. Latin, 4. Greek, 3 English Criticism, 2. Elocution, 1.	Algebra, 4. English Literature, 2. Latin, 4. German, 3. English Criticism, 2. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3. French, 2. Free Hand Drawing, 2. English Literature, 2. English Criticism, 2,
	SECOND TERM.	Algebra, 4. Latin, 4 Greek. 3. English Literature, 2. English Criticism, 2. Elocution, 1.	Algebra, 4. Latin, 4. German, 3. English Literature, 2. English Criticism, 2. Elocution, 1.	Algebra, 4. Introductory Chemistry, 2. German, 3 French, 2. Free Hand Drawing, 2. English Literature, 2. English Criticism, 2.
	THIRD TERM.	Geometry, 5. Latin, 3. Greek, 5. English Literature, 2. Elocution, 1.	Geometry, 5. Latin, 3. German, 4. English Literature, 2. Elocution, 1.	Geometry, 5. Introductory Chemistry, 2. German, 4. French, 2. Mechanical Drafting, 2. English Literature, 2.

SOPHOMORE YEAR.

FIRST TERM.	SECOND TERM.	THIRD TERM.
Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Greek, 3. English Literature, 1. Elocution, 1.	Trigonometry, 4. Medieval History, 2. German, 3. Physics, 3. Free Hand Drawing, 2. English Literature, 1. Elocution, 1.	Trigonometry, 4 Physics, 3. Chemistry, 3. German, 3. Perspective Drawing, 3.
Analytic Geometry, 4. Medieval and Modern History, 3. German, 3. Physics, 3. Latin, 3. English Literature, 1. Elocution, 1.	Analytic Geometry, 4. Medieval and Modern History, 3. German, 3. Physics, 3. Latin, 3. English Literature, 1. Elocution, 1.	Analytic Geometry, 4. Physics, 3. Chemistry, 3. German, 3. Perspective Drawing, 3.
Biology, 3. Calculus, 4. Modern History, 2. German, 4. Greek, 3. English Literature, 1. *Elocution*, 1. *Surveying*, 3.	Biology, 3. Calculus, 4. Modern History, 2. German, 3. English Literature, 1. Elocution, 1. *Surveying*, 3.	Calculus, 4. Surveying, 3. Physics, 3. Biology, 3. German, 3.

JUNIOR YEAR.

First Term.	French, 3. Latin, 3. Elocution, 1. Empirical Psychology, 3. *Empirical Psychology—Seminary*, 1. *Calculus*, 4. *Physics*, 3. *Botany or Zoology*, 4. *Hist. Reformation and 30 years war*, 3. *German*, 3. *Hebrew*, 2. *Free Hand Drawing*, 2. *English Literature*, 2.	French, 3. Latin, 3. Elocution, 1. Empirical Psychology, 3. *Empirical Psychology—Seminary*, 1. *Calculus*, 4. *Physics*, 3. *Botany or Zoology*, 4. *Hist. Reformation and 30 years war*, 3. *English Literature*, 2. *Pedagogy of History*, 2.	1 French, 4. 2 *Calculus*, 4. 3 *Physics (Statical Electricity)*, 3. 4 *Analytic Chemistry (Gravimetric)*, 3. 5 *Botany*, 4. 6 *Zoology (Invertebrates)*, 4. 7 *Spectrum Analysis*, 2. 8 *Medieval History*, 2. 9 *Empirical Psychology*, 3 *plus* 1. 10 *Pedagogy of History*, 2.
Second Term.	French, 3 Astronomy, 4. Chemistry, 2. Elocution, 1. *Rational Psychology—Logic*, 3 *Rational Psychology—Seminary*, 1. *Latin*, 3. *English History*, 1509–1688, 3. *Physics*, 3. *Zoology*, 4. *German*, 3. *Hebrew*, 2. *Greek Comedy*, 3. *English Literature*, 2.	French, 3. Astronomy, 4. Chemistry, 2. Elocution, 1. *Rational Psychology—Logic*, 3. *Rational Psychology—Seminary* 1. *Latin*, 3. *English History*, 1509-1688, 3. *Physics*, 3. *Zoology*, 4. *English Literature*, 2.	1 French, 3. 2 General Astronomy, 4. 3 *Physics (Magnetism)*, 3. 4 *Analytic Chemistry, (Gravimetric)*, 3. 5 *Zoology (Vertebrates)*, 4. 6 *Spectrum Analysis*, 2. 7 *Medieval and Modern History*, 3. 8 *Rational Psychology—Logic*, 3 *plus* 1. 9 *Botany*, 4.
Third Term.	French, 3. Chemistry, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *Applied Psychology—Pedagogy*, 4. *Const. History of England*, 3. *Early English*, 1. *Spherical and Practical Astronomy*, 2. *German*, 3. *Hebrew*, 2. *Morphology*, 2. *Blow Pipe Analysis*, 2. *English Literature*, 2.	French, 3. Chemistry, 4. Latin, 3. Elocution, 1. *Mechanics*, 5. *Physics*, 3. *Applied Psychology—Pedagogy*, 4. *Const. History of England*, 3. *Early English*, 1. *Spherical and Practical Astronomy*, 2. *Morphology*, 2. *Blow Pipe Analysis*, 2. *English Literature*, 2.	1 French, 2. 2 *Mechanics*, 5. 3 *Physics (Dynamical Electricity)* 3. 4 *Analytic Chemistry (Gravimetric)*, 3. 5 *Blow Pipe Analysis*, 2. 6 *Systematic Zoology*, 4. 8 *Spherical and Practical Astronomy*, 2. 9 *Modern History*, 2. 10 *Pedagogy*, 4. 11 *Morphology*, 2. 12 *Botany*, 4.

SENIOR YEAR.

First Term.	Ethics, 4. English Literature, 2. *Political Economy*, 3. *Polit. and Const. History of America to 1789*, 3. *Esthetics*, 1. *French*, 2. *German*, 2. *Roman Literature*, 2. *Analytic Chemistry*, 3. *Mineralogy*, 2. *Spherical and Practical Astronomy*, 2. *Greek Testament*, 3.	Ethics, 4. English Literature, 2. *Political Economy*, 3. *Polit. and Const. History of America to 1789*, 3. *Esthetics*, 1. *French*, 2. *German*, 2. *Roman Literature*, 2. *Analytic Chemistry*, 3. *Mineralogy*, 2. *Spherical and Practical Astronomy*, 2.	1 Ethics, 4. 2 *Physics (Heat and Light)*, 2. 3 *Crystallography and Mineralogy*, 2. 4 *Volumetric Analysis*, 2. 5 *Organic Chemistry*. 2. 6 *Comparative Anatomy and Physiology*, 2. *Osteology*, 1. 7 *Spherical and Practical Astronomy*, 2. 8 *Polit. and Const. History of America to 1789*, 3. 9 *Political Economy*, 3.
Second Term.	History of Philosophy, 3. English Literature, 2. Geology, 2. *Political Economy—Finance* 2. *Political History of America*, 1789-1880, 3. *Art History*, 1. *French*, 2. *German*, 2. *Analytic Chemistry*, 3. *Physical Astronomy*, 2. *Bible History and Ethics*, 3. *Greek Tragedy*, 3. *Latin*, 1.	History of Philosophy, 3. English Literature, 2. Geology, 2. *Political Economy—Finance*, 2. *Political History of America*, 1789-1880, 3. *Art History*, 1. *French*, 2. *German*, 2. *Analytic Chemistry*, 3. *Physical Astronomy*, 2. *Bible History and Ethics*, 3. *Latin*, 1.	1 History of Philosophy, 3. 2 Geology, 2. 3 *Crucible and Blow Pipe Assaying*, 2. 4 *Comparative Anatomy and Physiology*, 2. 5 *Spectroscopy*, 2. 6 *Physical Astronomy*, 2. 7 *Political History of U. S.*, 1789-1880, 3. 8 *Political Economy—Finance*, 2. 9 *Histology*. 1.
Third Term.	Evidences of Christianity, 5. *History of Philosophy*, 3. *Political Economy—Readings*, 2. *American History—Seminary*, 2. *Art History*, 1. *French Revolution*, 2. *Pedagogy*, 4. *French*, 2. *German*, 2. *Geology*, 2. *Analytic Chemistry*, 3. *Rhetoric*, 2. *Latin*, 1. *English Literature*, 2.	Evidences of Christianity, 5. *History of Philosophy*, 3. *Political Economy—Readings*, 2. *American History—Seminary*, 2. *Art History*, 1. *French Revolution*, 2. *Pedagogy*, 4. *French*, 2. *German*, 2. *Geology*, 2. *Analytic Chemistry*, 3. *Rhetoric*, 2. *Latin*, 1. *English Literature*, 2.	Laboratory Work and Thesis. *Geology*, 2. *Bacteriology*, 2.

NOTE ON THE SCIENCE COURSE.—Students in the Science Course will at the beginning of the Junior year elect one of the groups A. B. C. D. &c., as indicated in the following schedule, and pursue it to the end of his course. The numerals refer to the corresponding subjects as numbered in that course.

		A	B	C	D	E	F	G	H
Junior—	First term.....	1, 2, 3, 4, 9.	1, 2, 3, 4, 8.	1, 5, 6, 8, 9.	1, 4, 5, 6, 7.	1, 4, 5, 6, 7, 8	1, 2, 3, 8, 9.	1, 2, 3, 4, 7.	1, 3, 4, 5, 6.
	Second term	1, 2, 3, 4, 8.	1, 2, 3, 4, 7.	1, 2, 5, 7. 8.	1, 4, 5, 6, 9.	1, 2, 4, 5, 6, 7.	1, 2, 3, 7. 8.	1, 2, 3, 4, 6.	1, 3, 4, 5, 9.
	Third term	1, 2, 3, 4, 10.	1, 2, 3, 4, 5, 9.	1, 6, 9, 10 11.	1, 4, 5, 11, 12.	1, 4. 5, 6, 9, 11.	1, 2, 3, 5, 9, 10.	1, 2, 3, 4, 5, 8.	1, 3, 4, 11, 12.
Senior—	First term.....	1, 2, 3, 4, 5, 9.	1, 2, 4, 5, 8, 9.	1, 5, 6, 8, 9.	1, 3, 4, 5, 6, 9.	1, 4, 5. 6, 8, 9.	1, 2, 3, 5, 8, 9.	1, 2, 3, 4, 5, 7, 8.	1, 2, 3, 5, 6, 9.
	Second term	1, 2, 3, 6, 7, 8.	1, 2, 3, 6, 7, 8.	1, 2, 4, 6, 7, 8.	1, 2, 3, 4, 5, 8.	1, 2, 3, 4, 7, 8.	1, 2, 3, 6, 7, 8.	1, 2, 3, 5, 6, 7.	1, 2, 3, 4, 5, 8.

In the Third term, Laboratory work and a Thesis are required in each group and the student may elect in addition *Geology*, 2. *Bacteriology*, 2.

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. JAMES R. DAY, S. T. D.,
CHANCELLOR.

REV. LEROY M. VERNON, S. T. D., DEAN,
Professor of Esthetics and the History of the Fine Arts.

GEORGE A. PARKER, MUS. D.,
Professor of Piano and Organ.

R. FRANK DALLAS, M. P.,
Professor of Oil Painting and Modeling.

LUELLA M. STEWART,
Professor of Water Color Painting and Free Hand Drawing.

ELMER J. READ, B. P.,
Professor of Etching and Free Hand Drawing.

CONRAD L. BECKER,
Professor of Violin.

WILLIAM H. BERWALD,
Professor of Harmony and Theory of Music.

UNNI LUND,
Professor of Vocal Music.

ELLA I. FRENCH, MUS. B.,
Instructor in Piano.

RUTH ELIZABETH GUIBAULT, MUS. B.,
Instructor in Piano.

EDWIN H. GAGGIN, B. AR.,
Instructor in Perspective and Descriptive Geometry.

GORDON A. WRIGHT, B. C. E., B. AR.,
Instructor in Architecture.

ADOLPH FREY,
Instructor in Piano, and the History of Music.

MIRIAM A. GUERNSEY, B. PH.,
Instructor in Vocal Music.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23, 1873, and was inaugurated September 18th, following. Its scope includes instruction ultimately in all the Fine Arts, viz. :

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving, and the various forms of Industrial Art; and

2. The *Phoenetic Arts:* Music, Oratory, Poetry, and Belles-lettres Literature.

It now has organized courses of instruction in Architecture, in Painting, and in Music. Other courses will be added as circumstances shall permit.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the several courses are required by examinations or by certificates from preparatory institutions of recognized standing, to show that they have studied with satisfactory proficiency the following subjects, viz. :

1. *For Admission to the Course in Archictecture:* English, Geography, American History, Arithmetic, Natural Philosophy, Algebra, — including Quadratic Equations, — Plane Geometry, and Freehand Drawing sufficient to represent the progress usually made in one year's thorough systematic study and work :

2. *For Admission to the Course in Painting:* English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and Freehand Drawing sufficient to represent the progress usually made in at least two years of thorough systematic study and exercise :

3. *For Admission to the Course in Music:* English Grammar, Geography, American History, Arithmetic, Natural Philosophy, and in Music sufficient to represent the progress usually made in at least two years of thorough systematic study and practice.

4. *Special Students*, that is, those not purposing to take either of the full and regular courses or to graduate, may enter at any time, and may take such studies as they choose and are prepared to pursue with advantage to themselves, and without detriment to the classes.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See calendar.)

An annual Exhibition of the works of art produced by the students in Architecture and Painting during the year, is held the last week of the collegiate year.

DEGREES.

Persons completing the course in Architecture, receive the degree of *Bachelor of Architecture;* in Painting, the degree of *Bachelor of Painting;* in Music, that of *Bachelor of Music.* Special students may receive certificates of the studies taken and of their proficiency. Those so desiring may take one or more branches of the course in Music, without the accompanying literary studies, and when completed, they may receive a certificate under the seal of the University.

A graduate in either of the above courses, who shall have pursued professional work for five years after graduation, may receive the second or Master's degree upon the following conditions: the presentation to the College of an approved original work in his particular branch of art; examination on an approved course of reading in Esthetics and in the history of his department of art; and the payment of a graduation fee of twenty-five dollars.

For expenses see index.

FELLOWSHIP.

Rev. Hiram Gee has established a fellowship in Painting, yielding an annual revenue of $500, to be available in 1894. Senior students in painting this year, and the Seniors of

every succeeding year in their turn, may compete for this fellowship, which will be awarded on the basis of merit to persons spending the year following their graduation in the study and work of painting in some art center.

COURSES OF STUDY.

The following schedules exhibit the courses of study in Architecture, Painting and Music A limited amount of substitution of other equally pertinent, equally thorough and valuable studies for those named in the schedule, may be allowed in any of the courses But a course must be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 10. Free Hand Drawing, 10. Algebra, 4. English Criticism, 1. Elocution, 1. French, 3.	Architectural Drafting, 10. Trigonometry, 4. German, 3. Medieval History, 2. Rendering in Sepia, 10.	Architectural Drafting, 10. Free Hand Drawing, 10. Esthetics, and Art Lectures, 4. Physics, 3. Calculus, 4. Pen and Ink Rendering, 5.	Architectural Drafting, 22. Drawing from Casts, 6. Strength and Use of Materials, 5. Italian, 2. Two Essays on Art.
SECOND TERM.	Linear Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Algebra, 4. English Criticism, 1. Elocution, 1. French, 3.	Architectural Drafting, 8. Analytic Geometry, 4. German, 3. Modern History, 3. Rendering in Sepia, 10.	Architectural Drafting, 10. Descriptive Geometry, 4. Water Color Painting, 10. History of Art, Lectures on Art, 4. Physics, 3. Pen and Ink Rendering, 5.	Architectural Drafting, 15. Heating and Ventilation, 2. Masonry Construction, 5. Two Essays on Art. Italian, 2. Decorative Art and Applied Design, 6.
THIRD TERM.	Applied Perspective, 10. Free Hand Drawing, 5. Architectural Drafting, 5. Geometry, 4. Ancient History, 2. French, 3.	Modeling, 10. Calculus, 4. German, 3. Modern History, 2. Artistic Anatomy, 6. Study of Details in Process of Construction, 1.	Water Color Painting, 10. History of Art, 1 Trusses and Roofs, 3. Mechanics, 5. Physics, 3. Building Superintendence, 4.	Lectures on Art, 3. Sanitation, 3. Contracts and Specifications, 2. Modeling, 10. Graduating Piece, 20. Graduating Thesis.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
First Term.	Linear Perspective, 10. Drawing from Casts, 10. Italian, 2. English Criticism, 1. Elocution, 1.	Water Color Painting, 10. Drawing from Casts, 10. Medieval History, 2. German, 3.	Oil Painting, 10. Drawing from Casts, 12. Esthetics, 1. French, 3.	Oil Painting, Landscape, 10. Drawing from Nature, 10. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. German Language, 3. Two Essays on Art.
Second Term.	Linear Perspective, Shades and Shadows, 10. Drawing from Casts, 10. Italian, 2. English Criticism, 1. Elocution, 1.	Water Color Painting, 10. Drawing from Casts, 10. Modern History, 3. German, 3.	Oil Painting, 10. Drawing from Life, 10. History of Fine Arts in Outline, 1. English Literature, 3. French, 3.	Oil Painting, Figure, 10. Drawing from Life, 10. Decorative Art, and Applied Design, 6. History and Styles of Engraving, 1. History of Sculpture, 1. Two Essays on Art.
Third Term.	Applied Perspective, 10. Drawing from Casts, 10. Artistic Anatomy, 6. Ancient History, 2.	Water Color Painting, 10. Modeling, 10 Modern History, 2. German, 5.	Oil Painting, 10. Drawing from Life, 10. Modeling, 4. History of Fine Arts in Outline, 1. French, 3.	Etching, 6. Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1. Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Mus. Theory, Melodies, 2. History of Music, 1. Recital, 1. Medieval History, 2. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus Theory, Inharmonics, 2. Recital, 1. French, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, Quartet Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Polyphonic [forms. 2. Recital, 1. German, 3. Esthetics, 1. Two Essays on Art.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. Modern History, 3. German, 3.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Figuration, 2. French, 3. English Literature, 3.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 2. Recital, 1. History of the Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2, Recital, 1. Ancient History, 2. English Criticism, 1 Elocution, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. German, 5.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Homophonic forms, 2. Recital, 1. French, 3. English Criticism, 1. Elocution, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 1. Recital, 1. History of the Fine Arts, 1. Encyclopedia of Mus. Lit., 1 Graduating Thesis.

Department of Architecture and Painting.

The courses of study already established include systematic and progressive instruction in the theory, history, and practice of Architecture and Painting, and in those branches of mathematics, natural science, history, language and philosophy which bear most intimately and directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University furnish excellent opportunities to students who desire to pursue studies related to the Fine Arts other than those included in the courses of this college.

The professors are practical workers in their several departments. The students have access to their studios and offices, and have an opportunity of witnessing works of art in process of completion by their hands or under their direction.

The aim is to develop talent in such a way that each student shall retain his individuality of character and manner, and not to shape all by any arbitrary method.

Freehand Drawing.

Freehand drawing is taught extensively in the courses in Architecture and Painting, as giving the only basis for accuracy in observing nature and art, and for securing freedom and precision in executing designs. It is continued as a required exercise during nearly the entire course in Painting.

A large collection of copies has already been formed from the best series used in the art schools of England, France and Germany. These include a great variety of subjects

such as flowers, fruit, foliage, landscape, animals, the human figure, artistic anatomy, classical composition, household furniture, architectural ornamentations and designs for various branches of industrial art. Drawing from objects, from nature, from memory and from original designs, is introduced in such variety, sequence and extent as is adapted to the several students. While instruction is given to all in the use of the lead-pencil, the pen, charcoal, crayon, India ink and sepia, the students are left largely to their own tastes in the selection of their chief instrument and the manner of executing their own drawings.

Architectural Drafting.

Under this general term in the schedule of studies, is included instruction in the following subjects: the use of drafting instruments; the drawing of plans, elevations, sections, ornaments, details and working drawings; the principles of taste in their application to architectural composition; the study of works finished or in progress, and the sketching of completed buildings; the appropriate and economical use of building materials; the principles and processes of construction. These subjects will be introduced in such order as may be found desirable with particular students and classes.

Building Superintendence.

The student is furnished with plans and specifications of buildings that are in the process of contruction in the city; and he is instructed in all the duties of a clerk-of-works. This study not only familiarizes him with the computing of strains, and the testing of materials, but also with the usual methods of handling the different building materials. It is the aim of the instruction given in Building Superintendence, Architectural Drafting, and other subjects to acquaint the student with all the minutiæ of architectural practice, so that, with a small amount of office experience, he may be capable of starting in business for himself, if desirable.

TRUSSES AND ROOFS.

This subject is treated both analytically and graphically. Ricker's Trussed Roof is used as a text book. In addition to the work in the text book suitable and practical problems from other sources are given for solution. The student is thus prepared to solve the problems occurring in the ordinary office practice.

STRENGTH OF MATERIALS.

Merriman's Mechanics of Materials is used as a text book on this subject. The student is not only given a practical knowledge of the subject, but he is made familiar with the methods employed in developing the formulæ and in making the tables used in computing the strength of materials used in any construction. He is thus enabled to use the formulæ and tables in a perfectly intelligent manner, and is also given a foundation upon which to base further theoretical studies.

DESCRIPTIVE GEOMETRY.

On this subject Church's Descriptive Geometry is used as a text book. A large number of drawings are required to be made illustrating the subjects of Penetrations, Intersections, and Development of Surfaces, in addition to the drawings necessary in the studies of the text book.

LINEAR PERSPECTIVE.

Linear Perspective is taught scientifically and practically during the first year in both courses. The student is not given a mere set of rules which if followed will produce certain results; but he is taught thoroughly to understand the theory of scientific Perspective, and to understand and to give a reason for the existence of every line drawn. This scientific knowledge is later applied to freehand drawing.

Applications are made and methods employed which enable the student to make sketches and freehand drawing more accurately and rapidly than is possible without their use. The subject of the Perspective of Shades and Shadows and Reflections is also thoroughly studied.

Oil Painting.

As by far the larger portion of modern painters devote themselves chiefly to painting in oil, much more time is appropriated to instruction in Oil Painting than in Water Color Painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors, instead of oil colors. Instruction is given in the use of colors, the principles of technical execution, and the laws of composition; at the same time students are free to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, or to divide their time among several branches.

Modeling.

Instruction is given in all the processes of Modeling in clay, of making molds and casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To some extent this may be substituted for Freehand Drawing in both courses.

Etching.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than etching. The manipulations of this form of engraving are taught both theoreticaly and practically. Students are also taught to print etching, with an excellent press.

Esthetics.

Instruction is given by lectures in the general principles of the science of Esthetics, which is the foundation of all the

Fine Arts. The principles of Art Criticism that apply especially to Architecture and Painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts, in which are traced the leading features of the Fine Arts as a whole, and the relation they have held to other elements of civilization. Courses of lectures are also given upon the history of Architecture, Sculpture and Painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the Ancient Egyptians, Greeks and Romans, with special reference to their relation to ancient art, and upon the leading features of Classical Archæology, and the geographical distribution of monuments of ancient art.

Christian and Medieval Archæology.

Lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of the Christian Doctrine in the Fine Arts, and upon the general principles of Medieval Archæology.

Essays.

During the first and second terms of the Senior year each student is required to present two essays of not less than six hundred words each, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts.

Art Literature.

A course of lectures is given upon the Encyclopedia of Art Literature, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the

date and place of publication, the present cost, and the authorship of the most important publications, both books and periodicals, which have been issued in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts.

Related Studies.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect and the painter, both as artists and persons of general culture. To a limited extent other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The college of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

Museum.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. The Leavenworth-Wolffe collection of engravings, containing 12,000 sheets, is a valuable contribution to the Art treasures of the University.

Graduating Pieces.

Every candidate for graduation in the course in Architecture is required to leave in the College an original Project Drawing, with specifications, plans, sections, and details of the same, before the diploma is given; an original Painting is in the like manner required of every graduate in the course in Painting.

Department of Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of Music, and is arranged with a view to enable the student to become an accomplished musician.

The piano is adopted as the basis of study, and will be required of every regular student, at least during the Freshman year.

Students desiring to make a specialty of the violin, or other solo instruments, except the organ, may discontinue the piano after the Freshman year.

Students making a specialty of the organ or the voice may discontinue the piano after the Sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the course in Music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the Art of Music, and which also have a relation to general liberal culture. These are physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient medieval and modern history; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The study of musical theory is required of all regular students during the entire course.

The Piano.

Lessons on the Piano are given in small classes with such other helps as are deemed necessary to secure the best progress of the student.

This course is divided into Gymnasial and Collegiate.

1. GYMNASIAL DEPARTMENT.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, Koehler's Practical Piano School, or Mathews' Graded Studies, Book I, is used. Also studies by Loeschhorn, Bertini, and occasionally Sonatinas, by Clementi, Krause and others are given.

Second Year. Lebert & Stark, Books I and II; Mathews' Graded Studies, Books II and III; Herz's Scales and Chords; Lemoine op. 37, Book II; Loeschhorn; Duvernoy op. 120; Burgmueller op. 100; Koehler's Progressive Studies, and easy pieces by Gurlitt, Lichner, Kuhlau and others.

2. COLLEGIATE YEAR. To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection, and to read an easy Sonatina at sight.

Freshman Year Lebert & Stark, Books II and III; Mathews' Graded Studies, Books III, IV and V; Heller op. 47; Czerny, School of Velocity; Bertini op. 29 and 32; Loeschhorn's Progressive Studies; Krause's Trill Studies op. 2; Mason's Touch and Technic, throughout the entire course; Easy Sonatas by Haydn, Dussek, Mozart and Clementi, and selections from the works of other masters suitable to this grade.

Sophomore Year. Lebert & Stark, Book III; Heller op. 45 and 46; Czerny op. 740, Books I and II; Mathews' Graded Studies, Books V, VI and VII; Bach 2 and 3 voiced Inventions; Czerny's Staccato and Legato Studies op. 335; Sonatas by Mozart, Beethoven; Mendelssohn's Songs without words; Chopin's Mazurka's and Nocturnes; together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowsky, and other modern composers.

Junior Year. Cramer's Studies (Von Bulow); Heller's Art of Phrasing; Clementi, Gradus ad Parnassum; Bach,

Preludes and Fugues; Moscheles op. 70; Czerny, Fingerfertigkeit, Books III and IV; Kullak and Loeschhorn, Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, well tempered Clavichord; Tausig, daily studies; Henselt, Etudes; Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubenstein, Saint Saens and Henselt; also works of Grieg, Brahms, Liszt, Tschaikowski, etc.

Students of this grade have the opportunity of taking part in ensemble playing.

The Violin.

For beginners the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer, or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for Violin with Piano accompaniment, such as Melodien Sammlung by H. Urban, etc., selections from easy Duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op 45 or 1st part of Gradus ad Parnassum, by Jacques Dont; and by easy solos by Alard, Hermann, de Beriot and others. Compositions for Violin and Piano are introduced as soon as practical. Selections from the following are made according to the ability of the student; Dussek's Sonatas for Piano with added Violin part; Sonatas for Piano and Violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for Piano and Violin, etc. Later, Part III of Henning's Violin School; Scales in three Octaves, by Hullweck, Part I of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies of Kreutzer, Fiorillo, Rovelli and Rode; Cencertos by Viotti or Rode; Solos by

David, Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alards 10 Etudes Artistiques op. 19 and Abel's adaptation for the Violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers.

THE ORGAN.

As the most practical method of preparing for and supplementing the study of the organ, the student will devote the Freshman and Sophomore years to the study of the piano.

Ritter's Art of Organ Playing will be used, together with Schneider's Pedal Studies, the Fugues of Bach, Sonatas of Mendelssohn, Merkel, Rheinberger, Guilmant and other standard compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The one in the University Chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

CULTIVATION OF THE VOICE.

In this department great care has been exercised in selecting a method of voice training which promises the best possible results. The methods in use, both in this country and Europe, have been investigated and that one adopted which has produced many of the greatest artists of this generation, and which is held in the greatest favor by competent authorities.

The Italian method is used throughout, with superior results and favor. In addition to English ballads and church music, the student is trained in Italian, German and French songs and selections from oratorios and operas.

Chorus Singing.

The class for the practice of chorus singing meets once a week. Any student of the University may join this class. Compositions of sacred and secular character are carefully practiced.

Recitals.

All students of music are required to be present at the weekly recitals, at which each student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Theory of Music.

The theory of music embracing Harmony, Counterpoint, and the smaller and larger Musical Forms, is taught in classes.

Goetschius' Materials of Musical Compositions is used. The course of study is theoretical, practical, and analytical. Abundant illustrations and explanations upon the piano and at the blackboard are given.

History of Music.

Lectures are given upon the history of music during the Sophomore year, supplemented by frequent lectures upon musical topics, of which the students will be required to make digests.

Orchestral Practice.

Opportunity for orchestral practice is frequently given to such students upon the organ, piano, violin or other instrument as are qualified to take part in it.

Professional Concerts.

Piano forte and organ recitals and other professional concerts are frequently given by members of the Faculty, and other artists, to which all the students have free admission.

College of Medicine.

Faculty of the College of Medicine.

REV. JAMES R. DAY, S. T. D.,
CHANCELLOR OF THE UNIVERSITY.

NELSON NIVISON, M. D.,
Emeritus Professor of Physiology and Hygiene.

HENRY D. DIDAMA, M. D., LL. D., DEAN,
Emeritus Professor of Science and Art of Medicine and Clinical Medicine.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D.,
Professor of State Medicine.

WM. MANLIUS SMITH, M. D.,
Professor of Chemistry.

JOHN VAN DUYN, M. D.,
Professor of Surgery,

GAYLORD P. CLARK, M. D.,
Professor of Physiology.

WM. H. DUNLAP, M. D.,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics.

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., TREASURER,
Physician to House of Good Shepherd and Dispensary.

HENRY L. ELSNER, M. D.,
Professor of Science and Art of Medicine and Clinical Medicine.

DAVID M. TOTMAN, M. D., REGISTRAR,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D., LIBRARIAN,
Professor of Ophthalmology.

NATHAN JACOBSON, M. D.,
Professor of Clinical Surgery.

AARON B. MILLER, M. D.,
Professor of Gynœcology.

SCOTT OWEN, M. D.,
Professor of Anatomy.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

REUBEN C. HANCHETT, M. D.,
Lecturer on Materia Medica.

FRED W. SEARS, M. D., CURATOR,
Lecturer on Obstetrics.

FRANK B. BROOKS, M. D.,
Lecturer on Physiology.

GEORGE M. PRICE, M. D.,
Lecturer on Anatomy.

WM. H. MAY, M. D.,
Lecturer on Pathology and Bacteriology.

LOUIS MARSHALL,
Lecturer on Forensic Medicine.

THOMAS H. HALSTED, M. D.,
Instructor in Laryngology and Otology.

*WILLIAM B. BREED, M. D.,
Instructor in Histology.

J HENRY DRUM, M. D.,
Demonstrator of Anatomy.

S. BOYCE CRATON, M. D.,
Demonstrator of Anatomy.

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* Deceased.

BUILDINGS, LIBRARIES, ETC.

The Medical College occupies three brick buildings, eligibly located on Orange street, near the centre of the city, and convenient to the Hospital and Dispensary. Two of these contain the various lecture rooms, the histological and pathological laboratories, library, museums, etc. The amphitheater is well lighted and heated, and furnished with all necessary appliances for properly presenting the various subjects of lectures and demonstrations. All the lecture and recitation rooms have additional apartments connected with them, in which special dissections are made and the various preparations arranged for use in the classes.

In the rear of these two buildings is a third, containing the chemical laboratory and dissecting room, both of which are well lighted and ventilated, and so arranged as to afford every advantage to the student for practical work in these departments.

The laboratories for Physiology, Histology, Pathology and Bacteriology have been recently refitted, and are well furnished with all necessary apparatus and instruments. Among these is the magnificent collection of Mannikins purchased by the late Professor John M. Wieting and presented to the college. Other changes for the betterment of the work in general, will be made as they are from time to time found necessary.

The Library of the Geneva College of Medicine, with the additions which have since been made to it, is at the service of students. This, with the Von Ranke library, the greatest library of the University, and the public library of Syracuse, offer ample scope for reading and reference in the allied sciences.

COURSE OF INSTRUCTION.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting rooms, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology, Materia Medica and Applied Anatomy.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Therapeutics, Surgery, Practice and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Ophthalmology, Dermatology and Clinics.

All first year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both terms. Students of the second year take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy.

TREATMENT OF SUBJECTS.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample convenience of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been able to secure an abundance of anatomical material.

PHYSIOLOGY.—This branch is taught by recitations and lectures illustrated by charts, microscopical and anatomical preparations, and frequent demonstrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses, and reproduction.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the Laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by personal experiment. Medical chemistry and toxicology are taken up in the second year, and the subject of urinary analysis and detection of poisons thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures are given, and in accordance with the practice in every other department, an entire hour is devoted to a careful oral or written examination.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city where Senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering here open a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the state. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in surgical operations.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Therapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, and how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological mnseum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, which, with the additions that are from time to time being made serves as an important means of instruction.

BACTERIOLOGY.—A special laboratory supplied with a full variety of cultures, breeding pens for small animals, microscopes with immersion objectives and substage condensers, sterilizing apparatus, etc., individual working tables, and everything necessary for the practical study of bacteriology, enables each student to become familiar with bacteriological methods, and to take away with him typical preparations of many bacterial forms as the result of his own personal work. While the college supplies the laboratories with a sufficient number of microscopes, the number is not so great as to permit each student to have the exclusive use of an instrument. The teachers in practical bacteriology, pathology and histology, therefore, strongly recommend every student if possible, to provide himself with a good microscope at the beginning of his college work.

OPHTHALMOLOGY AND OTOLOGY.—The course of instruction in Ophthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class are required to examine and diagnose the cases.

Special attention is directed to those classes of cases which are more apt to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.— Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class in diseases of the skin, combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great centers of the country. St. Joseph's Hospital containing one hundred and three beds, and the house of the Good Shepherd with forty-five beds, constantly furnish abundant material for the medical and surgical clinics. At these hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity is given to all members of the class to examine and study them personally.

The Hospital for Women and Children and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are improved.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY—Quain	Gray, Weisse, Holden.
PHYSIOLOGY—Foster	Landois & Stirling, Halliburton, Chemical Physiology.
PHYSIOLOGY—Kirke	
PHYSIOLOGY—Martin	
PHYSIOLOGY—Waller	McGregor-Robertson, Physiological Physics.
PHYSIOLOGY—Yeo	
CHEMISTRY—Attfield, Tyson	Richter, Fownes.
PRINCIPLES AND PRACTICE—Flint	Bartholow, Loomis, Strumpell, Pepper's American Text book, Osler.
SURGERY—Holmes	International Encyclopedia of Surgery.
MATERIA MEDICA AND THER—H. C. Wood	Brunton, Ringer, Bartholow, Hare.
OBSTETRICS—Lusk	Playfair, Galabin.
GYNÆCOLOGY—Thomas	American System of Gynæcology. Skene.
DISEASES OF CHILDREN—J. Lewis Smith	Meigs & Pepper, Goodhart, Money.
HISTOLOGY—Thomas E. Satterthwaite	Klein & Smith, Atlas of Histology.
PATHOLOGY—Green	Ziegler, Cornil & Ranvier, Wagner.
HYGIENE—George H. Rohe	Parkes, Buck, Richardson Preventive Medicine.
OPHTHALMOLOGY—Nettleship	Schmidt-Rumpler, Noyes.
OTOLOGY—Roosa	Politzer.
DERMATOLOGY—Duhring	Fox, Bulkley, Kaposi.
MEDICAL DIAGNOSIS	Da Costa.
DICTIONARIES	Quain, Foster, Gould, Billings.

THE COLLEGE YEAR

begins on the first Tuesday in October, and ends on the third Thursday in June. It is divided into two terms, about equal in length.

There are two vacations, one of a little more than one week at the Holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

The law recently passed by the Legislature in regard to the preliminary education of medical students has obviated the necessity for any examination by the Faculty in the common English branches and Natural Philosophy.

A copy of the State law with the equivalents and qualifications accepted by the Regents in lieu of examination, together with other important facts, may be obtained on application to the Registrar of the College of Medicine.

Those intending to begin the study of medicine are advised to apply to the Examinations department, of the University of the State of New York at Albany, for full information concerning this examination.

In addition to the state examination all students who enter the College of Medicine with the intention of taking the degree of M. D., will be examined in the following subjects:

(*a.*) *Algebra: Through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(*b.*) *Geometry:* First book of Wentworth's Elements of Geometry, or its equivalent.

(*c.*) *Latin:* The translation of a passage selected from one of the first four books of Cæsar's Commentaries, and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

Graduates of recognized Colleges, Scientific Schools, Academies or like institutions, or those who are able to present certificates from such institutions, certifying to their proficiency in the preliminary studies in sections *a*, *b* and *c*, will not be examined in these studies. Regents' certificates are accepted for the studies which they cover. No candidates are admitted who fail to pass all the requirements for entrance. The entrance examinations are held at the College on the first Tuesday in October, at 2 o'clock P. M.

EXAMINATIONS.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. Examinations are held near the beginning of each term for those who apply for advanced standing, or who have failed in previous examinations. At the close of each year, in June, examina-

tions occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The first year examinations in Histology, Materia Medica and General Chemistry, and the second year examinations in Anatomy, Physiology and Medical Chemistry, are final if successful. Special examinations; when ordered by the faculty, may be held at any time to determine the standing of students who enter after the beginning of either term, but private examinations for promotions to higher grades, are not permitted.

The above examinations are in writing, and the student is expected to attain a certain standard of proficiency.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

The above rules apply only to those who intend to take a full course in medicine, and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here, will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the Degree of Doctor of Medicine, the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

Official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination upon the first and second years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, David M. Totman, M. D., 303 Montgomery St., Syracuse, N. Y.

Degrees Conferred by the University

IN 1892.

Doctor of Laws.

George F. Comfort, L. H. D., - - - Syracuse.

Doctor of Divinity.

Rev. Benjamin B. Loomis, Ph. D., - - Lansingburgh.
Rev. Arthur B. Sanford, A. M., - - - New York.
Rev. Wilbor F. Steele, A. M., - - - Denver, Colo.

Doctor of Music.

George A. Parker, - - - - - Syracuse.

Doctor of Philosophy, on examination.

Prof. William L. Bulkley, A. M., Orangeburgh, S. C., - Latin.
Prof. Levi L. Conant, A. M., Worcester, Mass, - Mathematics.
Prof. Carlton C. Curtiss, A. M., New York, - - Botany.
Prof. Samuel G. Harris, A. M., - - - Zoology.
Prof. Minnie C. Jay, A. M., University Place, Neb., Eng. Literature.
Prof. Fernando W. Martin, M. S., Fort Worth, Texas, Chemistry.
Prof. Byron C. Mathews, A. M., Newark, N. J., - - Greek.
Prof. Ella S. Nicholson, A. M., Mt. Pleasant, Ia., Eng. Literature.
Rev. Carleton H. Norris, M Ph., Gowanda, - Eng. Literature.
Henry O. Sibley, A. M., Syracuse, - - - Latin.
Mary J. Sibley, M. Ph., Syracuse, - - Eng. Literature.

Master of Arts.

Byron B. Brackett, *in cursu*,
Seymour C. Ferris, "
Howard L. Rixon, "
J. W. Somerville, *in cursu*.
Martin H. Walrath, "
Oscar R. Whitford "

Minnie M. Beebe, A. B , Kingston, Pa., *on examination*, History.
William H. Brokenshire, A. B., Mito, Japan, *on examination*, - - - - - - - - - Eng. Literature.
Alfred H. Eaton, A. B., Green Island, *on examination*, - - - - - - - - - Eng. Literature.
Olin C. Kellogg, A. B., Cazenovia, *on examination*, Eng. Literature.
Julian H. Myers, A. M., Clinton, *on examination*, - - - - - - - - Christian Evidences.
John W. Thomas, A. M., Meadville, Pa., *on examination*, German.
Alvan C. Willey, A. M., B. D., Onondaga Valley, *on examination*, - - - - - - Eng. Literature.

Master of Philosophy.

Philip F. Schneider, B. Ph., Syracuse, *on examination*. Geology.

Master of Science.

Grace Bell Latimer, *in cursu*.

Bachelor of Arts

Robert Elias Brettle,
James Lewis Brewer,
George Griffin Brownell,
Charles Squire Coulter,
George Hasbrouck Haigh,
Harry Otto Harbach,
Clarence Loomis Peaslee,
William Henry Perry,
Henry Phillips,
Bertrand C. Richardson,
Sherman Rouse,
Julia Skinner,
Lewis Peter Smith,
John Austin Swann,
Theodore Wells Taylor,
Ernest Merrill Ten Broeck,
Albert George Thorne,
Edith Richardson Truair,
Lorenzo Dow Van Arnam,
William Henry Wakeham,
Frederick Ensign Walton,
Clara Elizabeth Ward,
Jessie Æolia Whyborn.

Bachelor of Philosophy.

Cora May Bowman,
May Estelle Brown,
Georgia Ure Forman,
Miriam Adelia Guernsey,
Gratia Gwynn,
Arthur Ellsworth Hunt,
George Kingsbury,
Grace Estelle McIntyre,
Charles Austin Metz,
Gurdon Ransom Miller,
William Rubin,
Ida Louise Saxton,
William Erastus Taylor,
Grace Helen Webb,
Minnie Belle Woodworth.

Bachelor of Science.

Nettie Alida Chapman,
John Henry Cook,
William Pratt Graham,
Albert Eugene Hall, B. P.,
Osmon Perley Hoyt.
William Henry Jakway,
George William Kessler,
Edmund Kingsl'd Macomber

Bachelor of Architecture.

Ralph Manning Comfort, Charles Sidney Lackey,
Fred Kendal Ward.

Bachelor of Music.

Alice Adams,
Isadore Cropsey,
Kate Elinor Hovey,
Bessie Achsah Reed,
Lena Josephine Schreuder,
Harriet Case Stacey,
Ella Miriam Traver.

Bachelor of Painting.

Anna Sophia Johnson,
Mary Anna Mattison,
Mary Mabelle Paddock,
Mary Elizabeth Reed,
Maude Evelyn Sanford,
Adelaide Alida Warne.

Doctor of Medicine.

Winfield H. Ames,
Mehetable Barnes,
Stewart S. Bibbins,
Oliver A. Blumenthal,
Fred H. Fay,
Melvin F. Fuller,
John R. Harding,
Hiram B. Hawley,
I. Harris Levy,
Joe V. Lewis.

Students.

NON-RESIDENT POST-GRADUATES.*

(Candidates for Ph. D.)

Prof. Isaac M. Agard, A. M.,	Rockville, Conn.
Gertrude Allen, A. M.,	Albion, Mich.
Prof. Benjamin F. Austin, A. M., B. D.,	St. Thomas, Ont.
Rev. William E. E. Barcus, A. B.,	Midway, Pa.
Rev. Charles H. Bassett, A. B.,	Cleveland, N. Y.
Minnie M. Beebe, A. M.,	Kingston, Pa.
Rev. John H. Bickford, A. M.,	Rushville, Ind.
Prof. John D. Bigelow, A. M.,	Moravia, N. Y.
Rev. Edwin A. Blake, A. M.,	Brooklyn, N. Y.
Prof. Charles C. Brill, A. M.,	Northfield, Vt.
William H. Brokenshire, A. B.,	Mito. Japan.
Rev. Asa I. Brown, B. Ph.,	Sombra, Ont.
Rev. John W. Brown, A. B.,	Raynham, Mass.
Prof. George G. Brown, M. S.,	Ithaca, N. Y.
Rev. Robert Burns, B. Ph.,	Ingersoll, Ont.
Rev. De Forest O. Chamberlayne, A. B ,	Prattsburgh, N. Y.
Rev. Solomon Cleaver, A. M.,	St. Catharines, Ont.
Dorr R. Cobb, B. Ph.,	Syracuse, N. Y.
Rev. William Colden, A. M.,	New York.
Prof. Albert E. Colegrove, A. M.,	Corry, Pa.
Rev. Alfred E. Craig, A. B.,	Hillsdale, Mich.
Rev. Horace Alonzo Crane, A. M.,	Bombay, India.
Prof. Corinth Le Duc Crook, B. S.,	College Park, Cal.
Rev. Thomas R. Crooks, A. B.,	Philadelphia, Pa.

* NOTE.—Matriculants are requested to report to the Dean annually. Those not heard from for three years are presumed to have abandoned the course and are dropped from the list. Their names can be restored, however, on application and report. Two years resident study is required of all candidates for the degree of Doctor of Philosophy matriculating after October 5, 1893.

Rev. William J. Crothers, A. B., - Port Hope, Ont.
Henry Danziger, Jr., B. Ph., - Syracuse, N. Y.
Prof. Abial B. Davis, B. Ph., - Salamanca, N. Y.
William A. Deaton, A. B., - New Carlisle, O.
Prof. Stephen T. Dial, A. B., - Lockland, O.
Prof. Adelaide Lynn Dicklow, B. Ph., Ottawa, Kan.
Rev. Clarence L. Diven, A. M., B. D., Plantsville, Conn.
Rev. Bluford W. Dodson, A. B., - Clarksville, Tenn.
Rev. Alfred H. Eaton, A. M., - Green Island, N. Y.
Prof. Albert W. Emerson, B. S., - Baldwinsville, N. Y.
James A. Evans, A. B., - Little Falls, N.Y.
Prof. Wilbert P. Ferguson, A. B., B. D., Mt. Pleasant, Ia.
Rev. Seymour C. Ferris, A. B., East Worcester, N. Y.
Prof. Anna A. Fisher, A. B., - Denver Col.
Rev. Oscar L. Fisher, A. M., D. D., Fort Worth, Texas.
Prof. Edward W. Flagg, A. M., . - Potsdam, N. Y.
Prof. William Y. Foote, A. B., - Syracuse, N. Y.
Ellen A. Ford, A. B , - Moorhead, Minn.
Prof. Charles W. Foreman, M. S., - Fort Edward, N. Y.
Rev. John L. Franklin, A. B., B. D., Buffalo, N. Y.
Prof. Charles W. French, A. M., - LaGrange, Ill.
Prof. Abraham L. Gaines, A. B., B. D., Atlanta, Ga.
Rev. George Gaul, A. M., - Columbia, Pa.
Rev. Clark B. Gillette, A. M., - Elmira, N. Y.
Rev. James Gosnell, A. B., - Rochester, N. Y.
Sylvia F. Gosnell, A. B., - Rochester, N. Y.
Rev. Edmund J. Gwynn, A. M., - Belmont, N. Y.
Hannah E. Haley, A. M., - Lowell, Mass.
Rev. Albert E. Hall, B. S., B. P., - Syracuse, N. Y.
Ella M. Hall, B. S., - Bleeker, N. Y.
Rev. Henry H. Harris, A. M., - Minooka, Pa.
Rev. Johnson Henderson, A. M., - Churchville, N. Y.
Prof. Jane S. Higham, A. M., - Rome, N. Y.
Rev. Marion W. Hissey, B. S., - Boulder, Col.
Prof. W. Newton Holmes, A. B., - Staunton, Va.
Rev. Marquis D. Hornbeck, A. M., S. T. B , Quincey, Ill.
Prof. Will R. Howard, B. S., Belfast, Me.

Orrin Z. Hubbell, - Elkhart, Ind.
Rev. Bruce Hughes, A. B., - McKees Gap, Pa.
Prof. Lincoln Hulley, A. B., - Lewisburg, Pa.
Rev. Henry T. Johnson, A. B., - Hot Springs, Ark.
Prof. Olin C. Kellogg, A. M., - Cazenovia, N. Y.
Rev. David Keppel, M. Ph., - Clyde, N. Y.
Rev. Charles F. Kupper, A. M., B. D., Chin-Kiang, China.
Rev. Alpha G. Kynett, A. M., B. D., Pottstown, Pa.
Grace B. Latimer, B. S., - Oneonta, N. Y.
Rev. H. G. Limri, A. B., - Puebla, Mex.
Rev. William D. Marsh, A. M., - Malone, N. Y.
Prof. Oscar W. Martin, A. M., - Loveland, O.
Rev. Madison C. B. Mason, A. M., - Atlanta, Ga.
Champe D. McCulloch, Jr., A. B., M. D., Waco, Tex.
Nellie G. McIntyre, A. B., Batavia, N. Y.
Rev. William E. McLennan, A. M., South Bend, Ind.
Prof. Granville H. Meixell, A. M., - Tiffany, O.
Prof. P. C. Mensche, A. M., M. D., Ph. D., Pennsburg, Pa.
Prof. George a Mulfinger, A. M., B. D., Mt. Pleasant, Ia.
Prof. William S. Murray, B. S., - Liverpool, N. Y.
Rev. Julian H. Myers, A. M., - Clinton, N. Y.
Rev. Trusten P. Newberry, B. S., - Ambler, Pa.
Prof. Walter R. Newton, A. B., - Andover, Mass.
Prof. Edwin F. Norton, A. M., - Olivet, Mich.
Rev. William C. O'Donnell, A. B., - Madison, N. J.
Prof. Charles S. Parmenter, A. M., - Baldwin, Kan.
Prof. Henry Pease, A. M., - Medina, N. Y.
Rev. Barton W. Perry, A. B., - Rochester, N. Y.
Rev. Chester A. Place, A. B., - Blue Island, Ill.
Rev. Mason W. Pressly, A. B., - Bovina Centre, N. Y.
Rev. Emerson P. Roberts, A. M., - Milton, Del.
Rev. Charles S. Robertson, A. B., W. Sand Lake, N. Y.
Prof. Alfred L. Rust, A. B., - Kansas City, Kan.
Rev. William D. Rockwell, A. M., - Syracuse, N. Y.
Rev. John B. Rogers, A. M., - Conquest, N. Y.
Rev. Edward J. Rose, B. Ph., - Richmond, Ill.
Prof. Morgan R. Sanford, M. S., - Wilbraham, Mass.

Rev. William O. Shepard, A. M., - Elgin, Ill.
Rev. George T. Smith, A. M., - Tokyo, Japan.
Prof. Edward L. Stevens, A. B., - Malone, N. Y.
Kev. John A. Swann, A. B., - Gallupville, N. Y.
Rev. Joseph Y. Takasugi, B. Ph., S. T. B., Hirosaki, Japan.
Rev. John Teas, A. M., - Philadelphia, Pa.
Rev. Charles Temple, A. M., - Malone, N. Y.
Prof. John W. Thomas, A. M., - Meadville, Pa.
Prof. Allison Thompson, A. B., - Sherman, Texas.
Rev. James L. Thompson, A. M., - Elgin, N. Y.
Albert G. Thorne, A. B., - Buffalo, N. Y.
Charles W. Tooke, A. B., - Ithaca, N. Y.
Prof. William H. van Allen, B. Ph., New York.
Rev. George Varion, M. S., - Granville, Mich.
Rev. William H. Wakeham, A. B., Corona, N. Y.
Prof. Clarence A. Waldo, A. M., - Greencastle, Ind.
Prof. Gus Walters, B. S., - Mt. Pleasant, Ia.
Norval Wardrop, M. Ap. Sc., Detroit, Mich.
Rev. Horace E. Warner, A. B., - Colorado Springs, Col.
Rev. Robert H. Washburne, A. M., Sand Lake, N. Y.
Rev. Charles E. Wehler, A. B., - Blue Bell, Pa.
Jennie L. Whitbread, B. Ph., Baltimore, Md.
Rev. Myron C. Wilcox, B. Ph., B. D., Foochow, China.
Rev. William E. Wilkinson, A. B., B. D., Warren, Ill.
Rev. Alvin C. Willey, A. M., B. D., Tully, N. Y.
Rev. Francis A. Woodward, A. M., Ellenville, N. Y.
Rev. James M. Yeager, A. M., - Hillsdale, N. Y.

Students.

RESIDENT POST-GRADUATES.

William Pratt Graham, B. S., (Physics) - Syracuse
William Henry Jakway, B. S., (Chemistry) West Haven, Vt
Philip Frederick Schneider, B. Ph., (Chemistry) Syracuse
Frederick Carl Straub, B. Ph., (Biology) - Syracuse

SENIOR CLASS.

			City Address.
Rose Adele Baird,	l. s.	*Dunkirk*,	713 Crouse ave
Martha Ann Beecher,	l. s.	*Livonia*,	1004 Adams
George Hopkins Bond,	l. s.	*Syracuse*,	207 Adams
Emma Elizabeth Brown,	l. s.	*Syracuse*,	416 Burnet ave
Susie DeCue Brown,	l. s.	*Syracuse*,	212 Shonnard
Earl Grant Burch,	s.	*Dryden*,	*B.θ.Π.* Chapter H
Menzo Burlingame,	l. s.	*East Springfield*,	
Anna Irene Byrne,	l. s.	*East Onondaga*,	123 Madison
Celia Inez Byrne,	l. s.	*East Onondaga*,	123 Madison
Edwin Hamlin Carr,	s.	*Rushville, Ind.*,	763 Irving
Alice Ida Cary,	c.	*Syracuse*,	613 Milton ave
Howard D. Chapman,	l. s.	*Lakeport*,	*Δ.Κ.Ε.* Chapter H
Herman Churchill,	c.	*Homer*,	*B.θ.Π.* Chapter H
Anna Louise Cole.	l. s.	*Passaic, N. J.*,	*Γ.Φ.B.* Chap. H
Carro Julia Cummings.	l. s.	*Buffalo*,	1004 Adams
Cora May Dodson,	l. s.		111 Marshall
Maud Lulu Dorr,	c.	*Canton*,	*Δ.Φ.* Chapter H
Fred L. Dutcher,	l. s.	*Avon*,	*B.θ.Π.* Chapter H
Emma Y. Emerson,	s.	*Baldwinsville*,	
Burton Deyoe Esmond,	l. s.	*Valley Falls*,	402 Walnut Place

NOTE.--The letter c. indicates the Classical Course; l. s., Latin-Scientific; and s., the Science Course.

William Victor Flaherty,	c.	*Chittenango,*	*B.θ.Π.* Chap. H
Agnes Helen Ford,	c.	*Syracuse,*	116 State
Clarence Norton Goodwin.	c.	*Washington, D. C.,*	*Δ.Υ.* C. H
Emily Jenny Goulding,	l. s.	*Syracuse,*	10 Price Place
Ada Stewart Harbottle,	c.	*Pulaski,*	142 Garfield ave
Delmer Edward Hawkins,	c.	*Champlain,*	763 Irving
Schuyler Fox Herron,	c.	*Cobleskill,*	411 Comstock ave
Milicent A. Hinkley,	l. s.	*Syracuse,*	731 Irving
Ada Cornelia Holmes,	c.	*Franklinville,*	*K.K.Γ.* Chap. H
Elmer E. Hutchings,	c.	*Cardiff,*	321 Monroe
George K. Iriye,	c.	*Tokyo, Japan,*	705 Univ. ave
Martha A. Keefe,	s.	*Athens, Pa.,*	*Δ.Φ.* Chapter H
Fred Ziah Lewis,	c.	*Auburn,*	1102 E. Fayette
Lizzie Luella Lowell.	c.	*Syracuse,*	109 Marshall
Jos. Pickering McQuarrie,	l. s.	*Tansley, Ont.,*	
Hubert C. Minard,	c.,	*Buffalo,*	*Ψ.Υ.* Chapter House
George Hunter Myers,	l. s.	*Decatur, Ind.,*	
William Wilson Nichols,	c.	*Rome,*	600 University ave
Samuel Norton Pinney,	c.	*Olean,*	705 University ave
Anna Lillian Richards,	l. s.	*Marion,*	761 Irving
Stewart Scott,	c.	*Bridgeport,*	*B.θ.Π.* Chapter H
Edmund L. Shepard,	c.	*Parish,*	*Ψ.Υ.* Chapter House
Gertrude Alice Shepard,	c.	*Oswego,*	*Δ.Φ.* Chapter House
Jessie Kate Symonds,	l. s.	*Elmira,*	1006 E. Adams
Myrtle Edith Thomson,	c.	*Rochester,*	1004 Adams
Edward B. Topping,	c.	*Homer,*	763 Irving
Abram Lincoln Travis,	c.	*Garrisons,*	402 Walnut Place
W. H. Van Benschoten,	c.	*Newark,*	*B.θ.Π.* Chapter H
Minnie Frances Wade,	l. s.	*Moravia,*	717 Crouse ave
Frances Louise Warr.	c.	*Oneida,*	*Γ.Φ.B.* Chapter H
Milford John Whiteside,	s.	*Syracuse,*	110 Henry
William W. Wilcox,	c.	*Chester,*	763 Irving

JUNIOR CLASS.

Christabell Abbott,	l. s.	*Syracuse,*	1316 Madison
Nellie Julia Allen,	c.	*Medina,*	608 University ave
Louis Irving Backus,	c.	*Springfield,*	705 University ave

Guy Halsey Baskerville, c. *Deposit*, Φ.Δ.Θ. Ch. House
Arthur Daniel Berry, c. *Mexico*, Δ.Υ. Ch. House
Mabel Elizabeth Boomer, c. *Syracuse*, 314 Gifford
William H. Burgess, c. *Poughkeepsie*, Ψ.Υ. Ch. House
Martha Belle Churchill, c. *Springvillle*, Δ.Φ. Ch. House
Louis Streit Colwell, c. *Verbank*, 303 Waverly Place
Sila Lorena Davis, s. *Livonia Station*, 905 Univ. ave
Fred. George Dutton, l. s. *LeRoy*, Β.Θ.Π. Ch. House
Charles Stuart Gager, c. *Greene*, Δ.Υ. Ch. House
Oscar John Gannett, c. *Sackett's Harbor*, 112 Lan. ave
George Willis Gardner, c. *Saville*, 812 Madison
George Gorham Groat, c. *Waterford*, Δ.Υ. Ch. House
Kate Bennett Hathaway, s. *Tonawanda*, Φ.Γ.Β. Ch. House
Anna May Hills, l. s. *Binghamton*, Δ.Φ. Ch. House
William B. Hodge, s. *Palatine Bridge*, Δ.Κ.Ε. C. H
Nellie Magdalen Hoffman, c. *Deposit*. 568 Cedar
Harriet Seymour Hollis, l. s. *Pulaski*, 908 Harrison
Harriette Augusta Hynes, c. *Camden*, Δ.Φ. Chap. House
William Moss Kerkhoff, c. *Chicago*, 112 Henry
Alma Louise Klock, c. *Oneida*, Γ.Φ.Β. Chap. House
Aaron Levy, c. *Syracuse*, 716 Harrison
Daniel Morgan Lewis, c. *Utica*, Δ.Υ. Chapter House
Joseph R. McGowan, c. *Syracuse*, 606 Willis ave
William Leverett Morgan, c. *Rome*, Ψ.Υ. Chapter H
Jennette Alicia Morton, l. s. *Mottvilte*, Κ.Κ.Γ. Chapter H
Jessie May Noulton, c. *McConnelsville*, Δ.Φ. Chap. H
Charles Martin Olmstead, c. *Sidney*, 805 Almond
Charles Luther Peck, c. *Cortland*, 805 Almond
Frederick Jansen Perrine, c. *Kingston*, 1011 Adams
John Benton Pitcher, c. *Adams*, Δ.Υ. Chapter H
Mabel Anna Potter, c. *Syracuse*, 707 Madison
John Fitch Reed, c. *Richmond Mills*, 763 Irving
Howard Hunt Reynolds, c. *Sackett's Harbor*, 763 Irving
Mary Etta Robinson, l. s. *Antwerp*, Κ.Κ.Γ. Chapter H
Dix Halsey Rowland, l. s. *Wellsboro, Pa.*, 1011 Madison
Fred Parmenter Schenck, c. *E. Orange, N.J.*, Φ.Δ.Θ Ch. H
Erwin Harrison Schuyler, s. *Fairmount*, 612 Crouse ave

Martha Elizabeth Smith, l. s. *N. Parma,* Δ.Φ. Chapter H
Junius Woods Stevens, l. s. *Syracuse,* 522 N. Salina
Laura Isabel Stone, c. *LeRoy,* 109 Marshall
Olive Lucinda Strayer. s. *Denver, Col.*. 615 Irving
Harry Byron Tilbury, c. *Owego,* Φ.Δ.Θ. Chapter House
Bertrand Martin Tipple, c. *Camden,* 820 Madison
Charles H. Treadwell, c. *Oswego,* Β.Θ.Π. Chapter H
StephenArchibaldVickery, s. *3 River Point,* 1012 E. Adams
Frank D. Walter, c. *Vernon,* 604 Irving
Charles Browning White, c. *Middleburgh,* Ψ.Υ. Chapter H

SOPHOMORE CLASS.

John Nelson Alsever, l. s. *Syracuse,* 821 E. Genesee
William Dewey Alsever, s. *Syracuse,* 821 E. Genesee
Howard Israel Andrews, c. *Cuyler,* Δ. Κ. Ε. Chap. House
Edward William Beadel, s. *Syracuse,* 1814 W. Genesee
Berton Wellington Brown, c. *North Chili.*
Gertrude S. Burlingham, c. *Mexico,* 109 Marshall
Mary Louise Caldwell, l. s. *Syracuse,* 143 W. Kennedy
John Wentworth Church, c. *Syracuse,* 109 Delong ave
Julia Eleanor Church, c., *Syracuse,* 109 Delong ave.
Mabel Sarah Coon, c. *Oswego,* 108 Waverly Place
Edward W. Cregg, c. *Elbridge,* 214 Niagara
Jennie Baldwin Downs, c. *Newark, N. J.,* 108 Wav'y Pl
Ruth Ethel Dryer, c. *Rochester,* Γ. Φ. Β. Ch. House
Fred. W. Edgecomb, s. *Lubec, Me.,* Crouse College
Frances Everson, s. *Omaha, Neb.,* Κ. Κ. Γ. Ch. H
Edwin D. Face, c. *Gloversville,* Δ. Υ. Ch. House
Charles Gray Fairchild, l. s. *Parish,* 300 Hawley
George Fountain, g. s. *Norwalk, Conn.*. 104 Seymour
Charles Gillett, c. *Naples,* 612 University ave
Mary Wolcott Green, c. *Athens, Pa.,* 303 Renwick ave
Effa Zilpha Ham, c. *Crawford, N. J.,* 717 Crouse av
Gerry Gibbs Henderson, c. *Wolcott,* 763 Irving
Harvey Milton Hubbard, c. *Stamford,* Φ.Δ.Θ. Chapter H
Kate Hulst, c. *Greenwich,* 108 Waverly Place

Elizabeth Marsh Janes,		c.	*Onondaga Valley.*	
Jennie A. Jones,		s.	*Syracuse,*	200 Durston ave
Eva Kinsey,	l.	s.	*La Grange, N. C.*,	109 Marshall
Alice Louise Lee,	l.	s.	*Brooklyn, Pa.*,	713 Crouse ave
E. Bersie Lee,		c.	*Adams,*	104 Marshall
StephenBurdette Loveland,		c.	*Taberg,*	1119 E. Genesee
Jessie May Mains,	l.	s.	*Brooklyn,*	108 Waverly Place
Morgan Millar,		c.	*Boston, Mass.*,	1015 Adams
Fred Morgan,		s.	*Syracuse,*	713 Court
Edwin Bryant Mott,	l.	s.	*Syracuse,*	107 Marshall
Henry I. Nottingham,		c.	*Manlius,*	354 W. Onondaga
Bessie Parsons,		c.	*Fairmount,*	*Δ.Φ.* Chapter H
Nina Hannah Paxson,		c.	*Springville,*	108 Waverly Place
Arthur Brown Peaslee.		c.	*Madison,*	104 Marshall
William Joseph Peck,		c.	*Scranton, Pa.*,	*Δ.Υ.* Chapter H
Frederick T. Pierson, Jr.,		c.	*Syracuse,*	420 Crouse ave
Stephen Salisbury Pratt,		c.	*Homer,*	*Δ.Κ.Ε.* Chapter H
John William Sadler,		c.	*Troy, Pa.*,	*Δ.Υ.* Chapter H
Martha Lillian Sanford,	l.	s.	*Geneva,*	113 Marshall
Leora E. Sherwood,	l.	s.	*Syracuse,*	101 Woodland ave
William M. Smallwood,		c.	*Warsaw,*	705 University ave
Almon E. Smith,		c.	*Norwalk, Conn.*,	466 S. Salina
Eugene Randolph Smith,		c.	*Oswego,*	*Β.Θ.Π.* Chapter H
Grace Elsie Smith,	l.	s.	*Albany,*	*Δ.Φ.* Chapter H
Lora Olive Snider,	l.	s.	*Pittsburgh, Pa.*,	713 Crouse Ave
Mary Frances Sweet,		s.	*Syracuse,*	1108 E. Genesee
Frank Dana Thorne,		c.	*Buffalo,*	
John G. Truair,		c.	*Syracuse,*	568 Cedar
Sarah Tumim,	l.	s.	*Syracuse,*	402 Cedar
Ulysses Grant Warren,		c.	*Harrington, Del.*,	*Φ.Δ.Θ.* C. H
Waldo Weston,		c.	*Syracuse,*	900 Irving
Henry Wheaton,		c.	*Richford,*	113 Waverly Place
Jessie Eunomia Wheeler,		c.	*Auburn,*	413 Bear
Charles Edward White,		s.	*Syracuse,*	408 Douglas
Bertha Wilson,		s.	*Fayetteville,*	713 Crouse ave
Louise V. Winfield,	l.	s.	*Syracuse,*	121 W. Castle

FRESHMAN CLASS.

Robert Barnes Adams,	c.	*N. Manlius.*	763 Irving
Albert A. Anderson,	g. s.	*Bayonne, N.J.*,	303 Waverly Pl
Gertrude Lois Andrews,	l. s.	*Syracuse,*	510 Irving
Basil Bradley Aylesworth,	c.	*Warren, S. D.*,	201 S. Beech
Charles Arvin Balch,	c.	*Oran,*	907 Adams
Clara Amelia Bingham,	l. s.	*Lockwood,*	727 Crouse ave
Ansley Baker Blades,	c.	*Addison,*	315 University ave
Arthur Judson Brewster,	c.	*Syracuse,*	319 University ave
Jessie Pearl Brooks,	l. s.	*Corinth,*	102 Marshall
Harriet Louise Bryan,	l. s.	*Corning,*	*Γ.Φ.B.* Chapter H
Don Carlos Buell,	l. s.	*Syracuse,*	208 Hawley
Millard P. Burlingame,	s.	*Warsaw,*	731 Irving
Mattie E. Caldwell,	s.	*Syracuse,*	143 W. Kennedy
Lewis Erwin Carter,	c.	*Greenwich,*	700 Irving
Winifred Coddington,	c.	*Syracuse,*	106 Walnut Place
Charles Howard Congdon,	c.	*Syracuse,*	315 University ave
Mabel Beth Cook,	l. s.	*Corning,*	*Γ.Φ.B.* Chapter H
Charles Edwin Cooney,	s.	*Syracuse,*	112 Standart
Clara Adell Curtiss,	c.	*Lyons,*	202 Waverly Place
Lillian May Curtis,	c.	*Corning,*	717 Crouse ave
Frank Warden Davis,	l. s.	*Boston, Mass.*,	700 Irving
Daisy Lois Dean,	l. s.	*Rochester,*	113 Marshall
Harriet M. Doane,	l. s.	*Pulaski,*	*K.K.Γ.* Ch. House
Harry Haile Farmer,	l. s.	*Syracuse,*	309 Adams
John Rowlee Fausey,	c.	*Ebenton, Pa.*,	731 Irving
Mabel Josephine Fuller,	c.	*Syracuse,*	1535 Grape
Jeanette Fairbairn Graham,	c.	*Lansingburgh,*	1004 Adams
Sarah Newcomb Graham,	c.	*Lansingburgh,*	1004 Adams
William Avery Groat,	s.	*Canastota,*	107 Marshall
Leroy Weaver Guibord,	s.	*Plattsburgh,*	106 Walnut Pl
Anna Marion Harbottle,	c.	*Pulaski,*	142 Garfield ave
Ingraham Thornten Hart,	c.	*Bridgetown, N.S.*,	319 Un. ave
Robert Hebblethwaite,	c.	*Stanley,*	610 University Place
Grace Aneata Hobart,	s.	*Penn Yan,*	731 Irving
Anna Juliana Hollis,	l. s.	*Sandy Creek,*	*K.K.Γ.* Chap. H
Vernon William Holmes,	l. s.	*Texas Valley,*	310 Ostrom ave

Clara Grace Hookway,	l. s.	*Syracuse,*	209 McBride
Anna Mae House,	c.	*Penn Yan,*	731 Irving
Florence A. Huntley,	c.	*Syracuse,*	1014 E. Adams
Alberta Huntoon,	c.	*Hopewell,*	110 Henry
Pearl Ross Jewell,	l. s.	*Parish,*	705 University ave
Julia Bertha Kellogg,	l. s.	*Evans,*	109 Marshall
Edward Henry Kraus,	s.	*Syracuse,*	615 Butternut
Abraham Levy,	l. s.	*Syracuse,*	508 E. Adams
Caroline Belle Lynch,	l. s.	*Athens, Pa.,*	102 Marshall
Frederick Maunder,	c.	*Milton Abbot, Eng.,*	610 Un. ave
George D. McMahon,	c.	*Pithoragush, India,*	402 Wal. Pl
Mary Frances Merritt,	c.	*LeRoy,*	109 Marshall
Eva Loretta Miller,	c.	*Mexico,*	319 University ave
Kengo Moriya,	l. s.	*S. Naganoken, Jap.,*	Δ. Υ. C. H
Mary Eliza Moxcey,	l. s.	*Manlius Station,*	110 Henry
Charles H. Munson,	c.	*East Bloomfield,*	617 Irving
Emily Anna Newcomb,	s.	*Johnsonville,*	102 Marshall
Elizabeth B. Newman,	l. s.	*Canandaigua.*	Δ.Φ. Chapter H
Anne Gray Noxon,	c.	*Syracuse,*	207 Catharine
George Elmer O'Bryon,	c.	*Elmira,*	617 Irving
Naboth Osborne,	c.	*Jermyn, Pa.,*	
Robert Hamilton Pierson,	c.	*Syracuse,*	420 Crouse ave
Helen Louise Potter,	l. s.	*Syracuse,*	707 Madison
Edward Fitz Randolph,	c.	*W. Brighton, S.I.,*	411 Com. av
Herbert L. Reese,	c.	*Clifton Springs,*	610 Univ. ave
Kirke Fuller Richardson,	c.	*Union Square,*	705 Univ. ave
Edwin Ellsworth Riley,	c.	*Canton, Pa.,*	112 Henry
Dora Mai Robinson,	l. s.	*Ticonderoga,*	107 Marshall
Charles Gardner Rogers,	c.	*Palmyra,*	511 Crouse ave
Edith Burton Slack,	l. s.	*Orange, N. J.,*	620 Crouse ave
Mabelle Maude Sterling.	l. s.	*Rochester,*	
Bertha F. Stowell,	l. s.	*Pulaski,*	826 E. Fayette
Arthur Ernest Strong,	l. s.	*Syracuse,*	607 Crouse ave
Martha Phebe Tracy,	l. s.	*Blossburg, Pa.,*	209 Univ. ave
George Francis Tyrrell,	c.	*Syracuse,*	1009 Harrison
Adelaide D. VanAlstine,	l. s.	*Little Falls,*	408 Walnut Place
Edwin W. VanDeusen,	c.	*Tranquility, N.J.,*	Ψ. Υ. Ch. H

Edward B. Vollmer,	g. s.	*Syracuse*,	402 Highland
Rebecca Volinski,	l. s.	*Syracuse*,	621 Madison
Harry Hyde Wadsworth,	c.	*Jordanville*,	*Ψ.Υ.* Ch. House
Charles Wesley Walker,	c.	*McGrawville*,	*Δ.Κ.Ε.* Chap.H
Henry J. Wallace,	c.	*Markham*,	
May Wheatley,	l. s.	*Syracuse*,	151 W. Newell
Solomon C. Whitbeck,	l. s.	*Coeyman's Hollow*,	763 Irving
Nettie Eliza. Whitbread,	l. s.	*Syracuse*,	123 Gazelle
FrederickMorganWilliams,	c.	*Rochester*,	303 Waverly Place
William Judson Wilson,	c.	*Addison*,	763 Irving

SPECIAL STUDENTS.

(Not Candidates for a Degree.)

Emily Alvord,	*Syracuse*,	206 Manlius
George Silas Avery,	*Syracuse*,	1619 W. Genesee
Frank A. Beach,	*Medina*,	112 Henry
Charles Webster Beadel,	*Syracuse*,	1814 W. Genesee
Allen Baker Benham,	*Clifton Springs*,	500 Irving
Lena Cecelia Burton,	*Syracuse*,	212 Grace
Samuel Eugene Caldwell,	*N. Stamford, Conn.*,	402 W.Pl
Frederick M. Caswell,	*Deposit*,	136 Delphi
Ralph W. Chaffee,	*Onondaga Valley*,	
Robert L. Clark,	*Bainbridge*,	411 Comstock ave
Kingsley Fayette Congdon,	*Penn Yan*,	*Δ.Ψ.* Chap. House
John S. Conway,	*Onondaga Castle*,	
Loren Arthur Davis,	*Syracuse*,	129 Bassett
Ray Eckerson,	*Brownlee, Pa.*,	303 Wav'ly Pl
Herbert S. Emerson,	*Onondaga Valley*,	
Maurice Fikes,	*Herkimer*,	606 University ave
Wildridge Henry Gorman,	*Ogdensburg*,	
Jeannie Eliza Halstead,	*New Berlin*,	
Frank Milton Hamblin,	*Auburn*,	*Δ.Κ.Ε.* Chapter H
William Clark Hamilton,	*Pittsburgh, Pa.*,	
Minnie Frances Heermans,	*Benton Centre*,	717 Crouse ave
Mark Heiman,	*Syracuse*,	500 Madison
Margaret L. Hewitt,	*Newark, N.J.*,	*Κ.Κ.Γ.* Chap. H

Heigo Hirata,	*Hirosaki, Japan,*
Harris Ayers Houghton,	*Syracuse,* 403 University Place
Ion Andrew Jackson,	*Akron, O.,* Δ.K.E. Chap. H
Allan Luce Jordon,	*Brooklyn,*
Louis Fowler Joy,	*Ilion,* Ψ.Υ. Chapter House
Clara Searing King,	*Syracuse,* 111 Shonnard
Louis Stone Langton,	*Elbridge,* 705 University ave
Gertrude M. Leete,	*Tully,* 1009 E. Adams
Alfred Ward Lyon,	*Amsterdam,* 735 Crouse ave
Katharine L. McGinnis,	*Syracuse,* 804 S. Salina
Stella McIntyre,	*Clyde,* 730 Crouse ave
Henry Didama Meads,	*Syracuse,* 700 Irving
Henry Louis Morgan,	*Syracuse,* 602 S. Salina
Clark Asahel Nichols,	*Baldwinsville,* 104 Marshall
John Adams Nichols, Jr.,	*Syracuse,* James
Elizabeth May O'Brien,	*Baldwinsville,* 611 Crouse ave
Effie Almira Paddock,	*Sauquoit,* 664 Madison
Frank Ellsworth Paddock,	*Elbridge,* 705 University ave
Maurice Pakelnishky.	*Syracuse,* 112 Burt
Frank L. Richards,	*Oswego,* Β.Θ.Π. Chapter H
Roy Spencer Richardson,	*Syracuse,* 1012 Adams
Caroline Sophia Romer,	*Newark, N.J.,* K.K.Γ. Chap. H
Alfred Jacob Saxe,	*Walden,* Δ.Ψ. Chapter House
Elmer John Scott,	*Syracuse,* 1515 S. Salina
M. Elizabeth Scott,	*Syracuse,* 752 Harrison
Mather Williams Sherwood,	*Syracuse,* 1101 Burnet ave
Maude Ellen Sprague,	*Weedsport,*
Allen Dorman Steele,	*Elmira,* 1012 Adams
George Elmer Strayer,	*Denver, Col.,* 615 Irving
James Edward Sullivan,	*Oneida,* 610 University ave
Fred Gedney Traver,	*Hillsdale,* 763 Irving
Miles L. Trowbridge,	*Syracuse,* 1500 W. Genesee
Clara Tucker,	*Syracuse,*
Clharles Elmer Wetton,	*Elizabeth, N.J.,* Φ.Δ.Θ. Ch. H
William Alonzo Wheatley,	*Syracuse,* 151 Newell
George Frederick Whitfield,	*Clear Lake, Ia,*
Lieber Everett Whittic,	*Syracuse,* 313 Almond

Ralph Allen Wilcox,	*Manlius*,	*B.θ.Π.* Chapter H
Fred William Woese,	*Syracuse*,	621 Catharine
William Henry Yard,	*Olean*,	*Δ.Υ.* Chapter House
Amy Estella Yoran,	*East Creek*	1004 Adams

College of Fine Arts.

RESIDENT POST-GRADUATE STUDENTS.

			City Address.
M. A. Guernsey, B. Ph.,	m.	*Canton, Pa.*,	209 University Pl
Bessie A. Reed, Mus. B.,	m.	*Syracuse*,	908 Harrison
L. J. Schreuder, Mus. B.,	m.	*Syracuse*,	1032 S. Salina
H. Case Stacey, Mus. B.,	m.	*Syracuse*,	360 Westcott
H. M. Wardwell, p. and	m.	*Mansville*,	1008 Adams
Florence A. Wright, B. P.,	p.	*Syracuse*,	The Florence

SENIOR CLASS.

George Draper Coons,	ar.	*Penn Yan*,	Φ. Δ. θ Chap. H
Fannie Andrews Goodjon,	p.	*Fulton*,	211 University Place
Grace Darling Haanel,	m.	*Syracuse*,	405 University Place
Genevieve A. Harrington,	p.	*Syracuse*,	1104 Adams
Carl Tracey Hawley,	p.	*New Milford, Pa.*,	612 Cr. ave
Charlotte Mellen Packard,	m.	*Syracuse*,	303 University Place
Jessie Angela Perrin,	m.	*West Pittston, Pa.*,	A. Φ. C. H
Mary Patterson Pharis,	m.	*Syracuse*,	600 Lowell ave
John Sherman Tack,	m.	*Syracuse*,	1314 E. Genesee

JUNIOR CLASS.

Lovern Hill Babcock,	m.	*Fayetteville*,	618 Irving
Helen Mary Bailey,	p.	*Philadelphia, Pa.*,	618 Irving
Harry Lloyd Benedict,	ar.	*Syracuse*,	Hotel Mowry
Emma Brigham,	s. m.	*Syracuse*,	736 Crouse ave
Jessie Suydam Clark,	s. m.	*Syracuse*,	619 W. Genesee
Oliver Vincent Clark,	ar.	*E. Onondaga*,	Ψ. U. Chap. H
Laura W. Cowan,	s. m.	*Syracuse*,	127 Gazelle

The abbreviation p. indicates that the student is taking the regular Course in Painting; ar., the regular Course in Architecture; m., the regular Course in Music, s. p., s. ar., or s. m., indicates a special Course in Painting, Architecture or Music.

Bessie Cowles,	m.	*Clyde*,	*Γ.Φ.B.* Chapter House
Alice Ray Divine,	p.	*Utica*,	717 Crouse ave
Arthur Eltinge,	m.	*Creek Locks*,	705 Univ. ave
Grace Margaret Featherly,	m.	*Syracuse*,	118 South ave
Cory Fred Feek,	a. r.	*Syracuse*,	108 Harrison
Jennie Folkey,	m.	*Deposit*,	568 Cedar
Lewis Elija Graves,	m.	*Scriba*,	1109 E. Fayette
Helen Miranda Guernsey,	p.	*Canton, Pa.*,	*Δ. Φ.* Chap. H
Inez Roxana Hamilton,	s.m.	*Cazenovia*,	
Jessica Lusana Harden,	p.	*Marion*,	618 Irving
Susannah C. Hatmaker,	m.	*Syracuse*,	105 Marshall
Elizabeth E. Hewlett,	s. p.	*Dresden*,	908 E. Genesee
Jessie Whiting Hurlbut,	p.	*Canastota*,	*Γ. Φ. B.* Chap. H
Lulu Kern,	m.	*Hamilton*,	613 Crouse ave
Grace Whiting Leslie,	s. m.	*Syracuse*,	214 E. Onondaga
Arline McCarthy,	s. m.	*Syracuse*,	402 E. Genesee
Nina Irene McCormick,	s. m.	*Syracuse*,	110 Henry
Anita Cleveland Miller,	s. m.	*Eaton*,	617 Warren
Charlotte Euretta Nash,	s. m.	*Cortland*,	
Mary Cornelia Parish,	p.	*E. Onondaga*,	
Phœbe Ella Pierson,	m.	*Waterloo*,	*K. K. Γ.* Chap. H
Frederick William Revels,	ar.	*Olean*,	705 University ave
Elizabeth Belle Ruland,	m.	*Syracuse*,	728 E. Fayette
Fred'k William Schlieder,	m.	*West Leyden*,	1005 E. Genesee
Archibald Schwartz,	ar.	*New York City*,	723 Crouse ave
Joseph Carl Seiter,	m.	*Syracuse*,	425 N. Salina
Margaret Sexsmith,	s. m.	*Syracuse*,	Irving
Edith Clair Stobo,	m.	*Syracuse*,	703 E. Genesee
Clara May Sweet,	s. m.	*Cicero*,	
Mary Adelle Tack,	s. m.	*Syracuse*,	1314 E. Genesee
Julia A. Talbott,	m.	*Syracuse*,	622 Irving
Georgiana Curry Taylor,	s.m.	*Georgetown, Ct.*,	*Γ.Φ.B.* Ch. H
Elizabeth Emily Walter,	m.	*Vernon*,	604 Irving
Marion Emelyn Weaver,	p.	*Syracuse*,	119 South ave
Sara Louise Weeks,	m.	*Skaneateles*,	209 Univ. Place

SOPHOMORE CLASS.

Cora Aldridge,	s. m.	*Rome*,	808 University ave
Lillie Sophia Allewelt,	s. m.	*Syracuse*,	909 North Salina
Elizabeth Sarah Atwood,	p.	*Herrickville, Pa.*,	511 Univ. av
Frances Marion Beattie,	m.	*Syracuse*,	1615 East Genesee
George S. Beechwood,	s. m.	*Utica*,	
Lyllyan Grace Blumer,	s. m.	*Collamer*,	
Lena Emily Brockway,	m.	*Syracuse*,	319 Delaware
Effie Dell Brooks,	s. m.	*North Lansing*,	616 E. Fayette
Caleb Candee Brown,	ar.	*Syracuse*,	612 South Salina
Gabrielle G. Burnette,	s. m.	*Syracuse*,	665 Madison
Mabel V. Burnette,	s. m., s. p.	*Syracuse*,	665 Madison
Gertrude Coddington,	s. m.	*Syracuse*,	106 Walnut Place
Clara Bessie Collins,	s. m.	*Syracuse*,	230 Midland ave
Clara Belle Condon,	s. m.	*Oswego*,	
Sarah Crabtree,	s. m.	*Syracuse*,	114 W. Castle
Henry Irving Crocker,	s. ar.	*Seneca Falls*,	731 Irving
Mary Willard Cushing,	m.	*Syracuse*,	527 South Salina
Mary Bertha Dalton,	s. m.	*Morrisville*,	
Louisa Darbonnier,	s. m.	*Birkshire*,	*A. Φ.* Chap. House
Alton Eugene Darby,	m.	*Cortland*,	105 Caroline
Ida Belle Darby,	s. m.	*Cortland*,	105 Caroline
Charles H. Denning,	s. m.	*Utica*,	302 West Willow
Anna Christine Dudley,	p.	*Syracuse*,	1305 Madison
Laura Durston,	s. m.	*Anaconda, Mon.*,	509 James
Caroline Amelia Eddy,	s. m.	*Syracuse*,	802 W. Onondaga
Ida May Fisher,	s. m.	*Syracuse*,	323 Gifford
Fannie Cozette Fiske,	m.	*Syracuse*,	317 Bear
Fannie Sarah Ford,	m.	*Fairfield*,	*K.K.I'.* Chap. H
Nettie Church Fox,	s. m.	*Syracuse*,	535 Gifford
Thomas Walker Gaggin,	ar.	*Syracuse*,	*Δ. K. E.* Chap. H
William Clark Gavitte,	ar.	*Springville, Pa.*,	*Φ. J. Θ.* C. H
Clara Belle Gibson,	s. m.	*Auburn*,	
Jessie Avery Groat,	m.	*Canastota*,	713 Irving
Mae Elizabeth Hall,	p.	*Syracuse*,	509 Crouse ave
Maud Mabel Harrington	s.m.	*Rochester*,	
Lawson Dymond Hart,	m.	*W. Pittston, Pa.*,	705 Univ. ave

Helen Louise Heddæus,	s. p.	*Syracuse*,	711 Crouse ave
Irma E. Hollenbeck,	s. m.	*Syracuse*,	217 Delaware
Ada Cornelia Holmes,	s. m.	*Franklinville*,	761 Irving
Charlotte Mead Janes,	p.	*Onondaga Valley*,	
Caroline Camp Johnson,	s. p.	*Fredonia*,	719 Crouse ave
Lulu Belle Jones,	p.	*Eaton*,	115 Waverly Place
Mary Ophelia King,	s. m.	*Syracuse*,	200 DeWitt
Josephine Percy Lalor,	s. m.	*Syracuse*,	1143 S. Salina
Cora Amelia Lansing,	s. m.	*Canastota*,	
Esther Purdy Lord,	s. m.	*Syracuse*,	618 Irving
Marion L. Manning,	s. m.	*Syracuse*,	107 Comstock ave
Laura Jane Marshall,	s. m.	*Pratts Hollow*,	
Ruby Van E. McCauley,	s. p.	*Ridgeway, Pa.*,	600 Crouse ave
Josephine Amelia Miller,	s. m.	*Syracuse*,	207 Park ave
Lucia E. H. Moore,	p.	*Syracuse*,	618 Irving
Charles Mullen,	s. m.	*Syracuse*,	610 E. Fayette
Mary Eugenia Mumford,	m.	*Syracuse*,	513 E. Fayette
Ethelwyn Osborne,	m.	*Fayetteville*,	*Γ.Φ.B.* Chapter H
Laura Tomlinson Page,	m.,	*Syracuse*,	609 University ave
Charlotte May Phelps,	s. m.	*New Haven*,	804 Univ. ave
Mary Ellen Render,	m.	*Antwerp*,	617 Irving
Angelene E. Rhodes,	s. m.	*Skaneateles*,	
Carrie Sophia Robinson,	m.	*New Haven*,	720 E. Washington
Winifred Rogers,	m.	*Waverly*,	107 Marshall
Morris Rosman,	s. m.	*Syracuse*,	752 Harrison
Nina Louise Sawyer,	s. m.	*Syracuse*,	247 Midland ave
Ida Luella Sherwin,	s. m.	*Canton*,	707 Crouse ave
Ida Florence Smith,	s. m.	*Syracuse*,	608 Seymour
Lulu Anna Snow,	s. m.	*Syracuse*,	342 Westcott
Bessie Beatrice Stinard,	s. m.	*Syracuse*,	1117 Bellevue ave
Clara Louise Stoddard,	m.	*Palmyra*,	713 Crouse ave
Leah Etta Tolman,	p.	*Syracuse*,	11 McClure ave
Sarah Eleanor Veeder,	p.	*Lyons*,	713 Irving
Mary Luella Weatherlow,	m.	*Seneca Falls*,	102 Marshall
Alice Weston,	p.	*Syracuse*,	900 Irving
Florence Margaret Wood,	s. m.	*Euclid*,	
Lucy Catherine Yates,	m.	*Syracuse*,	Orchard Road
Carrie B. Yelton,	s. m.	*Oneida*.	

FRESHMAN CLASS.

Grace Agnes Allen,	m.	*Syracuse*,	213 Green
Rebecca Amdursky,	s. m.	*Syracuse*,	756 Harrison
Mary R. S. Andrews,	s. p.	*Syracuse*,	404 Oak
Virginia Edith Arnold,	s. m.	*Syracuse*,	603 Irving
Blanche Louise Ashley,	s. m.	*Norwood*,	707 Crouse ave
Charlotte Isabelle Ball,	s. m.	*Marcellus*,	
Florence Louise Barney,	m.	*Albany*,	108 Waverly Place
Lou Merwin Beckwith,	s. m.	*Fayetteville*,	
Burt LeGrand Bentley,	m.	*Cortland*,	1009 Adams
Sadie Berson,	s. m.	*Syracuse*,	711 Harrison
William Joseph Bogue,	s. m.	*Fulton*,	1143 South Salina
Annie Louise Boothby,	s. m.	*Phoenix*,	
Myrtie E. Brewster,	s. m.	*North Syracuse*,	319 Univ. ave
Susan Gay Britcher,	m.	*Syracuse*,	707 South West
Florence L. Brooks,	m.	*Syracuse*,	109 Pharis
Adela Cosart Brown,	s. m.	*Shortsville*,	512 E. Fayette
Harriet May Budd,	s. m.	*Syracuse*,	706 University ave
Adele Sanger Butler,	s. m.	*Syracuse*,	613 W. Onondaga
Lewis H. Campbell,	s. m.	*Syracuse*,	34 Crouse ave.
Myrtle Delphine Clark,	m.	*Oswego*,	702 Irving
Margaret Irene Clark.	p.	*Sodus*,	209 University Place
Martha DeGrassett Cliit,	s.m.	*Marcellus*,	313 E. Jefferson
Winifred Coddington,	s. m.	*Syracuse*,	106 Walnut Place
Clara Bessie Collins,	s. m.	*Syracuse*,	230 Midland ave
Nellie Collins,	s. m.	*Syaacuse*,	230 Midland ave
Grace Rowena Cook,	s. m.	*East Creek*,	1004 Adams
Clarence S. Congdon,	ar.	*Syracuse*,	315 University ave
J. Harte Cunningham,	s. m.	*Syracuse*,	Crouse College
Alice E Cutler,	s. m.	*Moravia*,	
Cordelia C. Dana,	s. p.	*Syracuse*,	206 Highland
Marian E. Danford,	s.m., s.p.	*Sodus*,	712 E. Jefferson
Laurie Mabel DeLong,	s. m.	*Syracuse*,	416 Midland ave
Edith Lucina Dewey,	s. m.	*North Manlius*,	
Estelle Eldridge,	s. m.	*Syracuse*,	124 Cortland ave
Jessie E. Farrington,	m.	*Syracuse*,	1543 South Salina
Bessie Babcock Fearey,	s. m.	*Syracuse*,	702 Croton.

Bertha Fessler,	s. m.	*Syracuse*,	112 Jackson
William Y. Foote, Å. B.,	m.	*Syracuse*,	The Florence
John Nelson Fox,	s. m.	*Syracuse*,	303 Lowell ave.
Edith M. Gatchell,	s. m.	*Sodus*,	713 Crouse ave
Harriet Louisa Green,	s. m.	*Sodus*,	107 Marshall
Maud Julia Griffith,	s. m.	*Georgetown*,	610 Croton
Mary Elizabeth Haight,	m.	*Onondaga Valley*.	
Jennie McE. Hamner,	s. m.	*Lamington, N.J.*,	205 E. Castle
Lucy Lewis Hamson,	p.	*Syracuse*,	316 Delaware
Gladys Hibbard,	m.	*Mannsville*,	713 Crouse ave
Anna May Hills,	s. m.	*Binghamton*,	207 Univ. Place
Earl Hollenbeck,	ar.	*Syracuse*,	114 W. Onondaga
Mary Josephine Horn,	s. m.	*Syracuse*,	614 Crouse ave
Minnie Bowlby Howard,	s. m.	*North Hector*,	727 Crouse ave
Helen Aurelia Hurlbut,	s. m.	*Canastota*,	614 University ave
Maude Louise Ireland,	m.	*Syracuse*,	763 Irving
Isabel Maria Jakway,	s. p.	*W. Haven, Vt.*,	111 Wav'ly Pl
Frank Byron Jenks,	s. m.	*Syracuse*,	205 Shonnard
Pauline A. Keehner,	s. m.	*Syracuse*,	514 Fabius
John Hart Kinsey,	m.	*Rush*,	Φ.Κ.Ψ Chapter House
Agnes Margaret Koch,	s. m.	*Dunkirk*,	409 Lemon
Mrs. Edward Leggett,	s. m.	*Syracuse*,	201 Slocum ave
Unni Charlotte Lund,	s. m.	*Oswego*,	616 Irving
Mabel Marvin,	m.	*Baldwinsville*,	
William George Morrell,	m.	*Trenton, N. J.*,	109 Wav. Pl
Jennie Maud Myers,	p.	*Ellenville*,	
Lillian Northrup,	s. m.	*Syracuse*,	400 Oak
Dora Laverne Norton,	m.	*Adams*,	109 Marshall
Mabelle V. O'Conner,	s. m.	*Syracuse*,	647 S. Salina
Alice Josephine Oliver,	m.	*Oswego*,	611 Irving
James Orlando.	s. m.	*Syracuse*,	1232 Mulberry
Dora Estella Otis,	s. m.	*Syracuse*,	710 Madison
Vera Lizzie Otis,	s. m.	*Syracuse*,	710 Madison
Leila May Perine,	m.	*Fulton*,	1007 Adams
Howard George Perry,	s, m.	*Canajoharie*,	620 Crouse ave
Maud E. Purrington,	m.	*New Hartford*,	717 Crouse ave
Clara Gere Reed,	m.	*Syracuse*,	604 Crouse ave

Dora May Robinson,	s.	m.	*Poultney, Vt.*,	107 Marshall
Ollie Meade Ross,		m.	*Elmira*,	568 Cedar
Grace Louise Sargeant,	s.	m.	*North Hector*,	727 Crouse ave
Helen Mildred Saxton,		m.	*Clyde*,	730 Crouse ave
Stewart Scott,	s.	m.	*Bridgeport*,	113 Waverly Pl
Theodora Sedgwick,	s.	m.	*Syracuse*,	1027 James
Ida Florence Seymour,		m.	*Morrisville*,	111 Waverly Pl
Minnie May Share,	s.	m.	*Marcellus*,	
Gail Sherman	s.	p.	*Syracuse*,	1312 Park
Abigail Platt Sherwood,	s.	m.	*Syracuse*,	1011 Madison
Emma Lee Simmons,	s.	m.	*Olivers, N. C.*,	109 Marshall
Dalbert Dalzell Simpson,	ar.		*Rome*,	East Syracuse
Marion Augusta Smith,		m.	*Groton*,	108 Waverly Place
AlmaCatherine Speight,	s.	m.	*Fremont, N. C.*,	110 Roberts A
Ella A. Stark,	s.	m.	*Warners*,	
Mabel Ellen Stone,		m.	*Syracuse*,	410 University ave
Josephine Taylor,	s.	m.	*Syracuse*,	705 McBride
Jennie May Tenny,	s.	m.	*Syracuse*,	210 Renwick ave
John Carl Thayer,		ar.	*Trenton*,	109 Waverly
Inez Thomson,	s.	m.	*Binghamton*,	904 E. Genesee
Nellie Albertena Tooke,		m.	*Syracuse*,	105 Tremont
Clara Lucine Tucker,	s.	m.	*Syracuse*,	1227 E. Genesee
Maude Van Tassel,		m.	*Syracuse*,	122 Beacon
Marian C. Veitenheimer,	s.	m.	*Washington, D. C.*,	517 Turtle
Evalina Vernon,		m.	*Syracuse*,	717 E. Genesee
Elliott Ernest Vernon,		ar.	*Syracuse*,	717 East Genesee
Viola Vernon,	s.	m.	*Syracuse*,	717 East Genesee
Elita Edythe Waggoner,		m.	*Syracuse*,	715 East Fayette
Anna Marie Walch,	s.	m.	*Syracuse*,	357 W. Onondaga
Mary Margaret Warn,		m.	*Marathon*,	516 East Adams
Jessie Eunomia Wheeler,	s.	m.	*Syracuse*,	413 Bear
Frank H. White,	s.	m.	*Syracuse*,	223 Elliott
Bessie May Willard,		m.	*Syracuse*,	224 Shonnard
Mabel Lillian Willard,		p.	*Syracuse*,	224 Shonnard
Flora Emeline Williams,		p.	*Sayre, Pa.*,	1007 Adams
Jennie Louise Willson,	s.	m.	*Rome*,	713 Crouse ave
Bertha Wilson,	s.	m.	*Fayetteville*,	111 Waverly Pl
Florence Helene Wilson,		m.	*Auburn*,	1204 W. Onondaga

SPECIAL STUDENTS.

Albert Malcom Allen,	s. m.	*Syracuse*,	561 Cedar
Ethel A. Barnum,	s. m.	*Syracuse*,	803 University ave
Mary G. Battell,	s. m.	*Canton*,	102 Marshall
Flora Isabelle Barrett,	s. m.	*Canastota*,	
Fred Born,	s. m.	*Syracuse*,	602 Park
Grace Isabel Bush,	s. m.,	*Syracuse*,	103 Elliott
Alice Sophia Clark,	s. m.	*Syracuse*,	331 Westcott
Emma Tefft Clark,	s. m.	*Sodus*,	702 Crouse ave
Edith Abbott Cook,	s. m.	*Syracuse*,	409 University ave
Lora W. Cowan,	s. m.	*Syracuse*,	Gazelle
Almira E. Cronk,	s. m.	*Canastota*.	
Eva Louisa Dana,	s. m.	*Cawker City, Kan.*,	108 Leon
Mrs. H. Filkins,	s. p.	*Syracuse*,	409 Irving
Mabelle W. Foote,	s. m.	*Sodus*,	702 Crouse ave
Kittie May Foster,	s. m.	*Syracuse*,	709 Irving
Hiram E. Fredenburg,	s. m.	*Catskill*,	711 Third North
Isabelle Cordelia Gage,	s. m.	*Syracuse*,	614 University ave
Grace Mildred Green,	s. m.	*Syracuse*,	1025 E. Fayette
Katherine H. Greenland,	s.m.	*Syracuse*,	315 Oak
Mrs. J. H. Hallock,	s. m.	*Syracuse*,	423 E. Jefferson
Eva L. Hamilton,	s. m.	*Preble*,	309 Irving
Gertrude A. Hopkins,	s. m.	*Syracuse*,	306 Lock
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College of Medicine.

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J. Perry Horle,	*Perryville*,	618 E. Fayette
Robert H. Phelps,	*Norwich*,	26 The Lyndon
John M. Quirk,	*Havana*,	26 The Lyndon
Mary E. Raymond,	*Syracuse*,	307 Montgomery
Frank E. Ringrose,	*Point Rock*,	305 Lemon
Arthur S. Ruland,	*Syracuse*,	728 E. Fayette
Robert B. Wilson,	*Sackett's Harbor*,	618 E. Fay't

SECOND YEAR.

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William Burke,	*East Syracuse*,	608 Warren
H. Bertha R. Chase,	*Syracuse*,	26 The Lyndon
Joseph T. D. Fisher,	*Syracuse*,	606 University ave
W. P. Hewitt,	*Syracuse*,	612 McBride
W. T. Lum,	*Northampt'n, Mass.*,	124 N'x'n
Herbert L. Lane,	*Prescott, Ont.*,	104 Madison
D. W. Pierce,	*Central Square*,	713 Hickory
James M. Rutledge,	*Syracuse*,	611 Catharine
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Arthur W. Thomas,	*Fabius*,	317 Delaware
Warren L. Wetmore,	*Mexico*,	903 West Fayette
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Non-Resident Post-Graduate Students,		125
Resident Post-Graduates,		4
Senior Class,	52	
Junior Class,	50	
Sophomore Class,	60	
Freshman Class,	83	
Special Students,	64	—309

COLLEGE OF FINE ARTS.

Resident Post-Graduate Students,		6
Senior Class,	9	
Junior Class,	42	
Sophomore Class,	74	
Freshman Class,	110	—285
Special Students in Music,		51

COLLEGE OF MEDICINE.

Third Year,	9	
Second Year,	16	
First Year,	31	—56
		786
Names repeated,		9
Total,		777

Calendar.

1894.

Jan. 9, *Tuesday*—Winter term begins.
" 16, *Tuesday*, 10 A. M.—Semi-annual meeting of Trustees.
" 25, *Thursday*—Day of prayer for colleges.
Feb. 6, *Tuesday*—First term of the College of Medicine ends.
" 7, *Wednesday*—Second term of the College of Medicine begins.
March 26–April 4—Term examinations.
April 4, *Wednesday*—Winter term ends.
" 5, *Thursday*—Supplementary examinations.
" 10, *Tuesday*—Spring term begins.
May 1, *Tuesday*—Seniors present their Commencement Orations.
June 4–8, Final examination of seniors.
" 14, *Thursday*—Second term of the College of Medicine ends.
" 12–21, Term examinations.
" 23, *Saturday*, 10 A. M.—Annual meeting of University Senate.
" 24, *Sunday*, 10:30 A. M.—Baccalaureate Sermon.
" 25–27, *Monday-Wednesday*—Annual Exhibition of the Works of Art produced during the year.
" 25, *Monday*, 9 A. M.—Entrance examinations begin.
8 P. M.—Class Day exercises.
8 P. M.—Annual Musical Soiree.
" 26, *Tuesday*, 10 A. M.—Annual meeting of Trustees.
10 A. M.—Annual meeting of Alumni Association.
8 P M.—Literary meeting of Alumni Association.
" 27, *Wednesday*, 2 P. M.—COMMENCEMENT.
" 28, *Thursday*—Summer vacation begins.
Sept. 17, *Monday*, 9 A. M.—Entrance and Supplementary examinations.
" 20, *Thursday*—Fall term begins. Students assemble in chapel at 9:30 A. M.
Oct. 2, *Tuesday*—First term of the College of Medicine begins.
" 29 Nov. 1, *Thursday-Saturday*—Thanksgiving recess.
Dec. 12–21—Term examinations.
" 21, *Friday*—Fall term ends. Holiday recess begins.

1895.

Jan. 8, *Tuesday*—Winter term begins.
" 31, *Thursday*—Day of prayer for colleges.
Feb. 5, *Tuesday*—First term of the College of Medicine ends
" 6, *Wednesday*—Second term of the College of Medicine begins.
March 25–April 3—Term examinations.
April 4, *Wednesday*—Winter term ends.
" 5, *Thursday*—Supplementary examinations.
" 9, *Tuesday*—Spring term begins.

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1894-5

Syracuse University

Twenty-Fourth Annual.

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ANNUAL

OF THE

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FOR THE

COLLEGIATE YEAR

1894-95.

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REV. JOSEPH H. ZARTMAN, A. M., '78.
REV. THERON R. GREEN, A. M., '80.
JENNIE THORBURN SANFORD, B. PH., '87.
REV. JOHN C. NICHOLS, A. M., '75.
PROF. RUTH E. GUIBAULT, MUS. B., '84.
CHARLES O. DEWEY, A. M., '85.
FRANK R. WALKER, A. M., '84.
REV. CHARLES EDDY, A. M., '60.
MARY FULLER FEARON, M. PH., '86.
GEORGE F. SHEPHERD, A. B., '91.
FLORA ELLIS WELLS, PH. D., '62.

ALUMNI ENDOWMENT FUND COMMITTEE.

FRANK SMALLEY, '74, CHAIRMAN, J. SCOTT CLARK, '77,
LUCIEN M. UNDERWOOD, '77.

Conference Visitors.

CENTRAL NEW YORK CONFERENCE.

Rev. W. H. York, Rev. R. D. Munger, Rev. J. C. Nichols, Rev. Theron Cooper, Rev. C. L. Connell, Rev. S. F. Sanford, Rev. H. C. Moyer, W. A. Deering, George A. Guernsey.

GENESEE CONFERENCE.

Rev. C. W. Cushing, Rev. E. C. Dodge, Rev. L. E. Rockwell, Rev. L. F. Congdon, Rev. G. M. Harris, Rev. W. B. Pickard.

NEWARK CONFERENCE.

P. B. F. Randolph, J. I. Boswell.

NEW YORK CONFERENCE.

Rev. Elias S. Osbon, Rev. J. Y. Bates, Rev. Ezra S. Tipple.

NEW YORK EAST CONFERENCE.

Rev. Frederick J. Shackleton.

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Rev. W. F. Markham, Rev. H. E. Waugh, Rev. L. D. White,* Rev. S. Call, Rev. W. S. Titus, Rev. T. B. Shepherd, H. E. Dingley, C. D. Palmeter, W. R. Weed, E. A. Harvey.

TROY CONFERENCE.

H. A. Durfee, W. P. Rulison, J. H. Robinson, G. W. May, F. Lowndes.

WYOMING CONFERENCE.

Rev. J. F. Warner, Rev. W. G. Simpson.

* Deceased.

General Information.

COLLEGES.

The University has three Colleges organized and in operation. These are:

I. THE COLLEGE OF LIBERAL ARTS.

II. THE COLLEGE OF FINE ARTS.

III. THE COLLEGE OF MEDICINE.

They are open to men and women on the same conditions.

IV. The College of Law will be opened in September, 1895.

GROUNDS AND BUILDINGS.

The University Campus contains fifty acres, and is beautifully situated in the southeastern part of the city, commanding an extensive view of the surrounding country.

The Hall of Languages, occupied by the College of Liberal Arts, is a dressed limestone building, 180 by 96 feet, four stories in height.

The Charles Demarest Holden Observatory is built of rockfaced gray limestone. It is equipped with an eight-inch Alvin Clark telescope, a three-inch reversible transit, chronograph, clock, chronometer, micrometer, spectroscope, etc. It is also provided with apparatus for meteorological observations.

The Library Building, constructed of limestone and Trenton brick, with terra cotta trimmings, has abundant room for all needed library appliances, and shelving in the stack room for 135,000 volumes.

The John Crouse Memorial College Edifice, built and furnished by the late John Crouse, and his son, D. Edgar Crouse, is of Long Meadow

red sandstone, with granite foundation. It is four stories high, 162 by 190 feet in extreme dimensions, and is one of the most imposing of college structures. The College of Fine Arts is in this building.

The College of Medicine occupies three suitable buildings on Orange street, near Genesee.

The Gymnasium and Christian Association Building is constructed of brick, with limestone trimmings. It is 101 by 70 feet extreme measures. It contains all the appointments for a first-class gymnasium; also parlors, office and assembly room for the Christian Association work of the University. The Young Men's Christian Association and the Young Women's Christian Association are both very flourishing and effective organizations holding their frequent meetings in this building.

A thorough medical examination is given every student when he enters upon gymnasium work, and his exercises are adapted to the requirements of his health.

Through the generosity of one of the trustees a first-class Athletic Field with a quarter mile track and a grand stand is in process of construction and is nearly ready for use. The athletic exercises in the gymnasium and in the field are under the direction of the very competent and efficient Director of the Gymnasium.

GYMNASIA OF THE UNIVERSITY.

Several Seminaries of high standing have become Gymnasia of the University. The students of these Seminaries are admitted to the University without further examination upon certificates of having satisfactorily accomplished the required preparatory studies.

The following Institutions sustain this relation, viz:

Hudson River Institute and Female College, at Claverack; Cazenovia Seminary, at Cazenovia; Ives Seminary, at Antwerp; Onondaga Academy, at Onondaga Valley; Yates Union School, at Chittenango; Genesee Wesleyan Seminary, at Lima; and Baldwinsville Academy, at Baldwinsville.

ENDOWMENTS AND PROPERTY.

The University has $600,000 of invested funds, the income from which has been seriously impaired temporarily by the recent financial stringency. The present net value of its entire property is about $1.800,000.

LIBRARIES.

The general library contains 45,000 volumes and 11,400 pamphlets and is open to students daily, except Sundays. A reading room, abundantly supplied with current literature, is connected with it. Students are permitted the use of both, without extra charge.

In April, 1887, the great historical Library of Leopold Von Ranke was purchased by Mrs. Dr. John M. Reid and presented to Syracuse University.

The College of Medicine has a valuable professional library accessible to medical students.

MUSEUMS.

The University Museum contains a large amount of material for illustrating the subjects of Geology, Zoology and Botany. Among other collections useful for instruction in Geology, the following may be mentioned:

1. The Ward series of casts of fossil remains;

2. An extensive lithologic collection representing all the leading types of rocks;

3. A collection of fossils illustrating especially the paleontology of New York State;

4. The "Cooper collection" of quartz and its varieties.

In Zoology are:

1. The "Banks collection" of North American birds.

2. A considerable collection of alcoholic specimens, mostly of Invertebrates;

3. A collection of shells abundantly representing nearly all molluscan families;

4. A collection of several hundred species of fishes from the U. S. Fish Commission and from private donations.

In Botany a well-ordered herbarium of about 8,000 specimens is accessible to students.

The laboratories are also kept supplied with an abundance of material for class use.

The following donations to the Museum have been received recently:

1. Biological—Collections of Marine Algae and Phanerogams, properly identified and mounted for the herbarium, by Dr. C. C. Curtiss, '88; collections of Fungi, by W. H. Jackway and W. P. Graham, '93.

2. Geological—W. P. Graham, '93, Brontozoum Sillimanium, and B. giganteum. Prof. H. A. Peck, specimens of Talc.

3. Archæological—Malayan coins of date prior to 800, A. D., by Roundsville Wildman, '88.

Further collections are needed and donations solicited.

The College of Medicine has an excellent Museum, extensive in the department of pathology, and amply provided with the means of illustration of the Materia Medica. It has recently received from Mrs. J. M. Wieting the gift of the late Dr. J. M. Wieting's anatomical apparatus, consisting of manikins, dried specimens, etc., valued at $10,000.

The College of Fine Arts has several thousand photographs, engravings and chromo lithographs, and a fine collection of plaster casts. To these have been added the celebrated Wolff collection of engravings, containing 12,000 sheets of rare and costly etchings and engravings representing the great masters of the art in all ages. This collection was the gift of Mrs. Harriet T. Leavenworth, of Syracuse, in April, 1889.

SCHOLARSHIP HONORS.

In the College of Liberal Arts, students are classified as to scholarship in each study of every term into four grades designated A, B, C and D. Those attaining grade A, for an average of twelve hours per term for the entire course, receive diplomas at graduation bearing the words *summa cum laude;* the diplomas of those ranked B, twelve hours per term, are marked *magna cum laude;* and the diplomas of those ranked B, nine hours per term, bear the words *cum laude.* For this purpose grade A one hour, is deemed equivalent to grade B two hours.

SCHOLARSHIPS.

The sum of $1,000 founds a perpetual scholarship, the accruing interest on which the University agrees to expend forever in payment of the tuition of worthy and needy students. Forty of these scholarships have been established. Many more are greatly needed.

DEGREES.

The University confers upon those who satisfactorily complete the Classical course the degree of *Bachelor of Arts;* the Latin-Scientific course, *Bachelor of Philosophy;* the Science course, *Bachelor of Science;* the course in Architecture, *Bachelor of Architecture;* the course in Belles Lettres, *Bachelor of Lettres;* the course in Painting, *Bachelor of Painting:* the course in Music, *Bachelor of Music;* the course in Medicine, *Doctor of Medicine.*

The master's degree *in cursu* will be discontinued after June, 1897.

ALUMNI ASSOCIATION.

On Tuesday of Commencement week, designated as *Alumni Day*, the Alumni Association holds its anniversary. At this meeting trustees are elected to represent the Alumni.

CIVIL RELATIONS OF STUDENTS.

The University does not provide board or rooms for its students. They select their homes in families with the advice of the faculty, and become amenable, like other citizens, to the laws and ordinances of the city.

RELIGIOUS OBSERVANCES.

All the students are expected to assemble every morning in chapel except Saturdays and Sundays. The exercises consist of singing, reading the Scriptures and prayer.

Students are also required to regularly attend Sabbath morning church service.

EXPENSES.

In the College of Liberal Arts, the tuition is $20.00 per term; for sons and daughters of clergymen, $10.00. When a student is depend-

ent upon his own resources alone, the University will, if it should appear necessary in order to enable him to prosecute his studies without interruption, accept his note for one-half tuition in the College of Liberal Arts, and in the College of Fine Arts, to be paid at his earliest convenience after leaving college. Such note must be signed by two persons of legal age. An incidental fee of $5.00 per term is charged in the College of Liberal Arts. The cost of materials used in the Chemical, Physical and Biological Laboratories is defrayed by the student and does not exceed $5.00 per term in each.

In the College of Fine Arts the tuition is $40.00 per term; for sons and daughters of clergymen, $20.00 per term. Students desiring to do so, may arrange for private instruction in music by engaging the entire hour. The following is a schedule of prices for such students in music as do not pay regular tuition:

Two Piano, Vocal or Violin lessons of one hour each per week (in classes of three),	$18.00
One Piano, Vocal or Violin lesson of one hour per week (in classes of three),	9.00
Two Organ lessons of one hour each per week (in classes of three),	20.00
One Organ lesson of one hour per week (in classes of three),	10.00
Two Theory lessons of one hour each per week (in classes),	6.00

A matriculation fee of $5.00 is required of every student, on admission to the University, and $20.00 for graduation and diploma.

In the College of Medicine, the fees and expenses are:

Matriculation,	$ 5.00
Dissection, including material,	12.00
Tuition for each year,	80.00
Graduation,	25.00

If payment is made for the three years in advance, the charge is, after matriculation, $200.00.

Children of regular physicians and the children of clergymen, may avail themselves of a reduction of one-half the above tuition fee for each year, or if payment is made for the three years in advance, the charge is, after matriculation, $100.00.

Students not in the regular course, receiving instruction in one or two branches, are charged after matriculation, $18.00 per term for a single study.

NOTE—Students desiring board or rooms, can procure information by applying to Prof. F. J. Holzwarth, 301 Waverly Place. The usual price of board is from $4.50 to $5.00 per week.

College of Liberal Arts.

Faculty of the College of Liberal Arts.

REV. JAMES R. DAY, S. T. D., CHANCELLOR.
JOHN R. FRENCH, LL. D., VICE CHANCELLOR AND DEAN,
Francis H. Root Professor of Mathematics.
REV. W. P. CODDINGTON, S. T. D.,
William Penn Abbott Professor of Philosophy and Pedagogy.
FRANK SMALLEY, A. M., PH. D.,
Gardner Baker Professor of Latin Language and Literature.
EUGENE HAANEL, PH. D., (BRESL.), F. R. S. C.,
Professor of Physics and J. Dorman Steele Professor of Theistic Science.
WILLIAM H. MACE, A. M.,
William Griffin Professor of History and Political Science.
CHARLES W. HARGITT, A. M., PH. D.,
Professor of Biology and Geology, Curator of the Biological Cabinet.
REV. JOHN HEDDÆUS, B. D., PH. D.,
Professor of Modern Languages.
WILLIAM G. WARD, A. M.,
Jesse T. Peck Professor of English Literature and Oratory.
HENRY A. PECK, A. M.,
Professor of Astronomy and Director of the Observatory.
EDGAR A. EMENS, A. M.,
Professor of Greek Language and Literature.
F. J. HOLZWARTH, A. M., PH. D.,
Professor of the German Language and Literature.
ERNEST N. PATTEE, M. S.,
Adjunct Professor of Chemistry, Curator of the Mineralogical Cabinet.
HENRY O. SIBLEY, A. M., PH. D., LIBRARIAN,
Instructor in Library Economics.
EDGAR COIT MORRIS, A. M.,
Instructor in Rhetoric and the English Language.
DELMER E. HAWKINS, A. B.,
Instructor in Political Science.
EVELYN BENEDICT AYERS,
Instructor in Elocution and Physical Culture.
STEWART SCOTT, A. B.,
Instructor in Mathematics.
WILLIAM H. JAKWAY, B. S.,
Instructor in Physics.
EDWARD J. REDINGTON, A. B.,
Instructor in Latin.
JUSTIN BEUCHAT,
Instructor in French.

JOHN R. FRENCH, SECRETARY.

COURSES OF STUDY.

The Classical course is substantially the same as is pursued in the best American Colleges, and includes a considerable amount of modern languages.

The Latin-Scientific course is nearly identical with the Classical, except in the substitution of German and other subjects for the Greek.

The Science course offers good facilities for thorough laboratory work in several distinct lines.

The studies of the Freshman and Sophomore years are required.

The work of the junior and senior years is entirely elective within the limits of the following groups and regulations:

Group I.	Latin, Greek, Hebrew.	related.
Group II.	English, French, German.	
Group III.	Philosophy, History, Political Science.	
Group IV.	Mathematics, Astronomy, Physics.	related.
Group V.	Physics, Biology, Chemistry.	

From one of these groups each student must not later than the beginning of the junior year, elect a subject or subjects to be known as his major, which shall comprise at least six hours per week for two years, one of which years may have been the required work of the sophomore year in those subjects. Students of the Science course must make up the major from groups IV. and V. In the Latin-Scientific course the student may make his major out of groups I. and II.

Similarly a minor must be chosen from the subjects of a different non-related group, and must comprise at least three hours per week during each of two years.

Additional work must be taken to the amount of at least six hours per week, or sufficient to make an aggregate total during the course of one hundred and ninety term-hours. These are known as *free electives*, which may be chosen from any group for which the student may be prepared, not involving insuperable conflicts of hours.

CONDITIONS OF ADMISSION.

I. To the Freshman Class.

I. Candidates for admission to the Classical Course are required to pass a written examination in the following studies:

(1.) English.—

Note.—No candidate will be accepted in English whose work is notably defective in point of spelling, punctuation, idiom, or division into paragraphs.

(*a*) *Reading*.—A certain number of books will be set for reading. The candidate will be required to present evidence of a general knowledge of the subject-matter, and to answer simple questions on the lives of the authors. The form of examination will usually be the writing of a paragraph or two on each of several topics, to be chosen by the

candidate from a considerable number—perhaps ten or fifteen—set before him in the examination paper. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books.

The books set for this part of the examination will be:

1895: Shakespeare's *Twelfth Night; The Sir Roger de Coverley Papers* in *The Spectator;* Irving's *Sketch Book;* Scott's *Abbot;* Webster's *First Bunker Hill Oration;* Macaulay's *Essay on Milton;* Longfellow's *Evangeline.*

1896: Shakespeare's *A Midsummer Night's Dream;* DeFoe's *History of the Plague in London;* Irving's *Tales of a Traveller;* Scott's *Woodstock;* Macaulay's *Essay on Milton;* Longfellow's *Evangeline;* George Eliot's *Silas Marner.*

1897: Shakespeare's *As You Like It;* DeFoe's *History of the Plague in London;* Irving's *Tales of a Traveller;* Hawthorne's *Twice Told Tales;* Longfellow's *Evangeline;* George Eliot's *Silas Marner.*

1898: Milton's *Paradise Lost,* Books I. and II.; Pope's *Iliad,* Books I. and XXII.; *The Sir Roger de Coverly Papers* in *The Spectator;* Goldsmith's *The Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Southey's *Life of Nelson;* Carlyle's *Essay on Burns;* Lowell's *Vision of Sir Launfal;* Hawthorne's *The House of the Seven Gables.*

(*b*) *Study and Practice.*—This part of the examination presupposes the thorough study of each of the works named below. The examination will be upon subject-matter, form, and structure.

The books set for this part of the examination will be:

1895: Shakespeare's *The Merchant of Venice;* Milton's *L'Allegro, Il Penseroso, Comus,* and *Lycidas;* Macaulay's *Essay on Addison.*

1896: Shakspeare's *The Merchant of Venice;* Milton's *L'Allegro, Il Penseroso, Comus,* and *Lycidas;* Webster's *First Bunker Hill Oration.*

1897: Shakespeare's *The Merchant of Venice;* Burke's *Speech on Conciliation with America;* Scott's *Marmion;* Macaulay's *Life of Samuel Johnson.*

1898: Shakespeare's *Macbeth;* Burke's *Speech on Conciliation with America;* De Quincey's *The Flight of a Tartar Tribe;* Tennyson's *The Princess.*

(2.) GEOGRAPHY.—Ancient and Modern; Political and Elements of Physical.

(3.) HISTORY.—*United States; Roman*, to the end of the third Punic War; Greek, to the capture of Corinth, 146 B. C. Myer's History of Greece or its equivalent.

(4.) MATHEMATICS.—*Arithmetic*, entire, including the metric system; *Algebra*, through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra, or Jones's Drill Book in Algebra, or their equivalent; *Plane Geometry*,—the first five books of Wentworth's Plane and Solid Geometry or their equivalent. Special attention is called to the original exercises.

(5.) PHYSICS.—J. Dorman Steele's work or its equivalent.

(6.) PHYSIOLOGY.—Martin's Brief Course on the Human Body.

(7.) LATIN.—*Latin Grammar* complete; four books of *Cæsar's Commentaries* on the Gallic War; six of *Cicero's Orations*, of which four must be those against Catiline; six books of *Vergil's Æneid* and the ten *Eclogues* with special reference to the prosody; *Latin Composition;* ability to read easy Latin at sight. The Roman method of pronunciation is used. The candidate should be thoroughly prepared in grammatical principles.

(8.) GREEK.—Goodwin's *Greek Grammar*, or Hadley-Allen's; three books of the *Anabasis*, or one book of the *Anabasis* and selections from the *Hellenica* equivalent to two other books of the *Anabasis;* three books of the *Iliad*, or four books of the *Odyssey*; translation into Greek, both oral and written, of English based on the Attic authors read. Either Woodruff's or Collar's *Greek Prose Composition* will serve to indicate the amount of knowledge required; translation at sight of average passages from *Xenophon* and *Homer.*

II. Candidates for the Latin-Science Course are examined in the studies required for the Classical Course, excepting the Greek; and are also examined in German as follows: (1) the principles of the grammar and construction for translating English into German; (2) the translation of 100 pages of Grimm's or Anderson's Maerchen, or 60 pages of Hauff's Maerchen, or an equivalent, and one play of Goethe,

Schiller or Lessing; (3) ability to translate at sight easy German, other than the above.

III. Candidates for the Science Course are examined in all the studies required for the Latin-Science Course, but in place of the Latin they may offer the following French: (1) the grammar equivalent to Part II. of Edgren's French Grammar to page 110, or Part I. of Bocher's Otto, or Whitney; (2) the translation of l'Abbe Constantin entire, or 250 pages of Jenkins' Contes Choisis, or ten books of Fenelon's Telemaque, or any two of Jenkins' plays of the Theatre Contemporain, or of Holt's College Series of French Plays; (3) ability to translate at sight easy French other than the above.

II. To Advanced Classes.

Candidates for advanced standing in any of the foregoing courses are examined in the studies previously pursued by the classes which they propose to enter, or are required to give evidence that they have pursued an equivalent amount of study in another college of equal grade. Certificates of regular dismission will be required from those who have been members of other colleges.

III. Special Students.

Students who do not desire to complete any of the regular courses of study, may pursue such studies as their qualifications permit. They are expected to attend such general exercises as may be assigned to them, be subject to all the general rules, and take work enough to occupy all their time.

IV. Admission by Certificate.

Regents' certificates are accepted for the preparatory studies which they cover. Diplomas from secondary schools are not received, but certificates will be accepted from certain schools of good standing which have been approved by the Faculty. Such certificates must be made upon blank forms which may be procured upon application to the Secretary of the Faculty.

COURSES OF INSTRUCTION.

Latin.

I. Cicero: De Senectute and De Amicitia; Latin Composition. Analysis; Sight-Reading; Roman History (4 hours). Livy: Books I. and XXI. accompanied as above (4 hours). Juvenal and Persius:

Satires; Prosody; Roman History (3 hours). Course I. is required of all Freshmen in the Classical and Latin-Scientific courses.

II. CICERO: Tuscalanæ Disputationes; Ancient Philosophy; Lectures (3 hours). HORACE: Selections; Horatian Meters; Study of Roman Life, Society, etc.; Essays (3 hours). ROMAN LITERATURE: Readings in Catullus, Tibullus, Propertius, etc. Topical Study of the Literature; Sight-reading of Short Selections covering the range of the Literature (3 hours). Course II. is required of all Sophomores in the Classical and Latin Scientific courses.

III. (1) LATIN COMEDY: Plautus and Terence; (2) Epigrams of Martial and Satires of Juvenal; (3) Lectures on the Origin and Development of the Latin Language; Allen's Remnants of Early Latin. Option. Three hours, First term.

IV. (1) A STUDY OF METHODS: This includes an examination of the aim and province of Classical studies, the methods of preparatory schools, the Inductive Method with beginners, Preparatory course, the pronunciation of Latin, preparation of papers, illustrative and sight-reading from Cæsar, Cicero, Vergil or Livy. (2) Quintilian; Books X. and XII. Option. Three hours, Second term. All who expect to teach Latin should elect course I.

V. (1) TACITUS: Histories of Germania and Agricola; (2) Suetonius, Books I. and II. (3) Seneca,—Moral Essays and Letters. Option. Three hours, Third term. Courses III. IV. and V. are open to Juniors of the Classical and Latin-Scientific courses.

VI. (1) VERGIL: Æneid, Books VII.-XII. or Georgics; (2) Epistolary Latin, Letters of Cicero and Pliny; (3) Horace, Ars Poetica and Selections. Option. Two hours, First term.

VII. (1) SACRED LATIN POETRY; (2) Latin Composition and Sight-Translation; (3) Latin Seminary, Critical Study of an Author; Individual Research; Papers. Option. One hour, First term.

VIII.)1(ILLUSTRATED LECTURES on Roman Antiquities. One hour. (2) Latin Seminary. One or two hours. Option or all. Second term.

IX. (1) LATIN SEMINARY. One or two hours. (2) Thesis. One hour. Option or all. Third term. Courses VI. VII. VIII. and IX. are open to Seniors in the Classical and Latin-Scientific courses.

GREEK.

The aim of the work in Greek is to give the student a knowledge of the Greek genius in all the elements that made it what it was. The work is so planned that the student may be, from term to term, introduced into new fields of thought and investigation. At first attention is given to the forms and modifications of words; the force of cases, moods and tenses; the arrangement of words and sentences as setting forth the movement of ideas; the student is then advanced to the study of antiquities, social customs, education, philosophy and religion.

I. THUCYDIDES: Selections from Books I. II. VI. and VII. Greek History. Greek Composition. First term, three hours a week. HOMER: Selections from the Odyssey. Books I.–XII. Studies in the Homeric dialect and life. Seymour's Homeric Verse. Jebb's Homer. Second term, three hours a week. PLATO: The Crito and Phædo. Collateral reading. Lectures on the life and writings of Plato. Third term, four hours a week. Course I. is required of Classical and Greek-Scientific Freshmen.

II. THE ATTIC ORATORS: Selections from Antiphon, Andocides, Lysias, Isocrates, and Isæus. A study will be made of the evolution of Attic Oratory, and also of the valuable social and political history. First term, three hours a week. ÆSCHYLUS AND SOPHOCLES: Select readings. Lectures on the origin and development of Greek Tragedy. Second term, two hours a week. GREEK POETRY: Selections are read from the representative Greek Poets with a view of tracing the growth and influence of classical Greek Poetry. Jebb's Primer of Greek Literature is used for a brief reference book. Third term, two hours a a week. Course II. is required of Classical and Greek Scientific Sophomores.

III. GREEK TESTAMENT: The edition of Wescott and Hort, with lexicon (Macmillan), is used. The critical work includes an examination of the text, with a study of manuscripts, versions and patristic quotations. First term, three hours a week.

IV. ARISTOPHANES: The Clouds, Birds, and Frogs. A special study is made of the political life, morals, etc., as revealed by the great comedian. Papers are presented by members of the class. Second term, three hours a week

V. PLATO AND XENOPHON: The Symposia of these authors are read. Translations of Greek into English are prepared by each mem-

ber. Third term, three hours a week. Courses III. IV. and V. are elective for Juniors who have taken I. and II.

VI. HOMER: This course has for its main object the reading of a large amount of Greek. Occasional conferences are held for the consideration of the Homeric question, and the excavations at Troy, Tiryns, and Mycenæ. First term, two hours a week.

VII. Plato's Republic and Aristotle's Ethics, Books I. IV. and X. Special attention is given to the subject-matter of these authors. A course of collateral reading on Greek Philosophy is outlined for each student. Second term, two hours a week.

VIII PAUSANIAS: Selections from the Attica. A study of the monuments and topography of Athens, with illustrations. Third term, two hours a week. Courses VI. VII. and VIII. are elective for Seniors.

IX. GREEK SEMINARY: In connection with the three preceding courses two hours of optional work are offered for research and for the preparation of theses.

GERMAN.

A. I. ELEMENTARY COURSE.—Joynes-Meissner's Grammar; Niebuhr, Heroengeschichten; Hauff, Märchen; Goethe, Hermann und Dorothea; Harris, German Composition; Steiger, Colloquial Method.

II. ELEMENTARY COURSE.—Otis's Elementary Grammar; Composition; Hillern, Höher als die Kirche; Subjects in German Literature and Art during the era of the Reformation, Hans Sachs, Holbein, Dürer; Steiger, Colloquial Method.

This course is intended for students in Painting, Architecture and Music.

B. I. INTERMEDIATE COURSE.—Whitney's Grammar; Scheffel, Ekkehard; Koerner, Zriny; Goethe, Iphigenie; Wolff or Keller, Mustersammlung deutscher Gedichte; Lyrics and Ballads; Buchheim, German Composition; Lectures on German Life.

This course is intended for Freshmen who have passed the examination in Elementary German for admission. It cannot be taken by a student who has not had Course A.

II. INTERMEDIATE COURSE.—German Prose and Poetry; Lessing, Minna von Barnhelm; Plays of Schiller; Goethe, Faust or Götz von

Berlichingen; Reading at sight; Jagemann, German Composition: Lectures.

This course is intended for students who have finished Course A.

C. ADVANCED COURSE.—Hodges, Course in Scientific German; Blackwell, Prefixes and Suffixes; Lessing, Nathan der Weise; German Scientific Monographs; Reading at sight; Composition; Rhetorical exercises in German once a week.

This course is intended for students in the Latin-Scientific and Science courses who have finished Course B.

D. ELECTIVE COURSE.—German Literature in the Twelfth and Thirteenth Centuries, Nibelungenlied, Gudrun, Wolfram's Parzival, Walther von der Vogelweide; Müller, German Classics; Scherer, German Literature Vol. II. Lectures and collateral reading.

FRENCH.

A. I. ELEMENTARY COURSE.—Van Daell's Introduction to French language; French Verbs at a glance; Fontaine's les Prosateurs du XIX e Siecle. Written and Oral exercises.

II. ELEMENTARY COURSE.—Fontaine's Livre de Lecture et de Conversation; Mme. de Stael; Corinne ou L'Italie. George Sand; Consuelo. Classical Lettres.

This course is intended for students in Painting, Architecture, Music and Belles Lettres.

B. I. INTERMEDIATE COURSE.—Edgren's French Grammar, 2nd part; Lectures; Luguiens' Scientific French; Kimball's French Composition; L'Halvey's L'Abbe Constantin; Sandeau's Mlle. de la Seigliere; E. Pailleron's Le Monde ou l'on sennuie.

This course is intended for Freshmen who have passed an entrance examination in French. It cannot be taken except after completing Course A.

II. INTERMEDIATE COURSE.—French Literature in the XVIIth and XIXth Centuries, Select works of Corneille, Racine, Moliere, Bossuet, Pascal, La Rochefoucauld, Lamartine, Victor Hugo, Daudet, Sand, Dumas, Scribe, Mille's The Contemporary French Writers, Essays and Synopsis by students.

This course is intended for those who have finished Course A.

C. I. ADVANCED COURSE.—Herdler's Scientific French; Leune's Difficult French; Rhetorical Exercises in French, Sight Reading, Discussion of subjects read, once a week.

This course is intended for students in the Science course.

II. ADVANCED COURSE.—History of French Literature from its beginning to the present time; Lectures and Recitations. Some works read, writers or periods studied are made the theme of monthly essays and synopsis by the students.

This course is given in alternate years.

D. ADVANCED COURSE.—Methods of studying and teaching Modern Languages.

This course is intended for students who are preparing to teach.

This course is given in alternate years.

ENGLISH LITERATURE.

I. PROSE WRITERS.—A critical study of representative prose-writers, not including novelists. Analytical reading and discussion of text with lectures. *First*, Period of Queen Anne: De Foe, Swift, Addison, Steele. *Second*, Johnson, Burke and Goldsmith. *Third*, De Quincey, Macaulay and Carlyle.

REQUIRED COURSE, SOPHOMORE YEAR.—Collateral reading and essays on subjects treated.

II. AMERICAN LITERATURE.—A brief outline of its historical development, and study of selected works by representative authors. *First term*, General Survey. *Second term*, Representative Poetry. *Third term*, Later Prose (including novelists).

JUNIOR: (*Elective*) Two hours.

III. ENGLISH ROMANTIC POETRY.—*First term*, Review of Eighteenth Century Poetry to Cowper and Burns. *Second term*, Scott, Byron and Shelley. *Third term*, Wordsworth and Coleridge. Lectures and critical study of masterpieces, with reference to the characteristics of the romantic school and the causes which produced it.

JUNIOR: (*Elective*). Two hours.

IV. VICTORIAN LITERATURE.—*First term*, Tennyson. Text and Lectures, with reports on works not read in class. *Second term*, Browning. Corson's Introduction; Lectures on selected works. *Third term*, Victorian Novelists.

SENIOR: (*Elective*). Two hours.

V. THE ELIZABETHAN DRAMA.—Ulrici's Commentaries with lectures. The students read the entire text of the works treated, with references to Gervinus, Hudson, Dowden, Moulton and other authorities. *First term*, The Pre-Shakespearean Drama, and Shakespeare's early comedies. *Second term*, Shakespeare's tragedies and his English Histories. *Third term*, Shakespeare's later comedies and the Romances, the later Elizabethan Drama.

SENIOR: (*Elective*). Two hours throughout the year.

VI. SEMINARY OF VICTORIAN LITERATURE.

RHETORIC AND ENGLISH LANGUAGE.

I. COMPOSITION AND RHETORIC: Required of all Freshmen, two hours per week for the year. The purpose of this course is two-fold: to familiarize the student with the fundamental principles of the art of writing and to give practice in the use of these principles. The theoretical part is taught in the class-room from Genung's Practical Rhetoric and is illustrated by a careful use of his Rhetorical Analysis. For practice in writing each student presents a page theme at each recitation, and a longer theme of from 500 to 1000 words each month. These themes are corrected and the errors pointed out in a personal conference between the writer and the instructor about once in two weeks.

II. ADVANCED COMPOSITION: (*Elective for Juniors*). One hour per week for the year. The especial reference book will be Barrett Wendell's English Composition. Short and long themes will be required and will be criticised in personal conference as in Course I.

III. ANGLO-SAXON PROSE: (*Elective for Juniors*). Two hours per week for the year. Bright's Anglo-Saxon Reader will be used with reference to Siever's-Cook's Old English Grammar. The purpose is to give the student a correct knowledge of Old English Grammar and a good prose vocabulary.

IV. CHAUCER: (*Elective for Seniors*). Two hours per week for the year. A number of the Canterbury Tales and some of the other poems will be read with especial attention to the middle English grammar, language and customs, to the sources of these stories and to the life of the writer.

V. SHAKESPEARE: (*Elective for Juniors*). Two hours per week for the year. (Not given in 1894-5). Six plays will be read with especial

attention to the grammar and language, and to the customs and life there portrayed as differing from those of our own times.

Elocution and Oratory.

The instruction in this department occupies one hour each week throughout the course.

I. In the *first year* the pupil enters at once upon the practice of the art of expression according to the teaching of the Emerson School of Oratory. During the past year a great deal of enthusiasm has been awakened in this department under the direction of Madam Ayres. The course includes the system of Physical Culture in use at the Emerson School. Required course for Freshmen, one hour.

II. Continuation of the above during the Sophomore year. (*Elective*). One hour.

III. The *third year* is devoted to the production of finished orations. Each oration is read and criticised with the author, by special appointment, and is afterward delivered in public. The third year also includes a course in Forensics—the preparation of briefs and the art of extemporaneous discourse.

Junior elective, under the direction of Prof. Ward, one hour.

IV. Debating and extemporaneous discourse, in continuation of Course III. Senior elective, one hour.

During the last two years, two orations per term are required of each student.

There are now a number of excellent literary societies connected with the University. Students who do full work in these societies are excused from the required orations referred to above.

There are two prizes in oratory which are open to all students. One is offered by the University Congress through the New York State League, and the other is known as the Chancellor's prize, which consists of one hundred dollars, to be given in three sums of fifty, thirty and twenty dollars respectively.

History and Political Science.

A. *History*.—The University offers unusual facilities for graduate work in European history to students having command of the principal European languages. The presence here of the great library of the celebrated historian, Von Ranke, opens to such students a vast quantity of the primary sources of the history of the leading continental nations.

The following courses aim at a knowledge of the institutional life of some of the progressive Aryan nations. Emphasis will be placed upon the original growth of ideas and institutions as the end, while external events and incidents will be viewed as means.

I. Medieval and Modern History. The purpose in this course is to organize the general movements of political, religious, educational, industrial, and social life into an historical whole, and to give some insight into the problem of history and into some of its essential conceptions. Myer's Medieval and Modern History will be used as an outline.

II. The Protestant Revolution. The problem of this course is the differentiation of religious thought and its embodiment in new creeds together with its leading political and other consequences. Seebohm's Protestant Revolution is used as an outline. Readings in the library, special reports and lectures.

III. English History from 1689 to 1885. This course traces the leading developments in English institutions since the revolution of 1688, giving particular emphasis to political changes as an aid to the study of the English and American Constitutions. Gardiner's Students' History of England, Volume III. readings, and reports will be used.

IV. English Constitution. Bagehot's English Constitution will furnish the line of discussion. His theories must be illustrated by examples from Course III. Lectures will be given on the resemblances and differences between the English and American Constitutions.

V. American Political and Constitutional History to 1789. This course includes the growth of differences between English and American ideas, the struggle for the rights of Englishmen, and the rights of men, the experiment with State sovereignty under the Confederation and the triumph of national ideas as expressed in the Constiturion. Lectures, readings, and the study of historical documents.

VI. American Political History from 1789 to 1860. The problem here is to trace the rise, struggle and triumph of the spirit of Nationality as it embodied itself in political parties, measures and events. Lectures, readings and study of original material.

VII. French Revolution. This includes a study of its causes and leading phrases, together with a comparison and contrasts with the Puritan and American Revolutions. One purpose is to discover those features and characteristics common to all revolutions. Morris's French Revolution will be used.

VIII. Pedagogy of History. A study of the principles and processes underlying the organization of historical material, for the purpose of aiding teachers and students of history. Given in alternate years.

IX. Seminary Work. This work runs throughout the year and is required of all Seniors who write their theses in this department. The aim of this work is to train the student into habits of constructive work by use of original material.

Courses III. and IV. are continuous, also V. and VI. Courses III. and IV. are recommended as a preparation for V. and VI. Courses III. and V. must precede course VII.

B. *Political Science.*—I. Elements of Political Economy. Junior elective. Three hours. Two terms. Textbook. Lectures. Discusion. This course is designed to give a general view of the science. It will furnish a foundation for scientific analysis of all economic questions and practical problems. Walker: Political Economy, or Marshall: Elements of Economics.

II. History of financial legislation in the United States. Junior elective. Three hours. One term. Text book. Discussion. The object of this course is to give the student a clear idea of the conditions leading to, and the results issuing from, financial legislation, as well as a knowledge of the particular acts themselves. Topics for special investigation and report will be assigned from time to time.

III. History of Political Economy. Senior elective. Three hours. One term. Text book. Lectures. Course III. will begin with a review of European economic history, with particular reference to feudalism; the free towns; crafts and guilds; trade and commerce of the Italian cities, the Hanse towns, the Netherlands and England.

The term's work will be devoted mainly to a study of the origin, the significance and influence of the various economic principles and doctrines developed from the time of Adam Smith down to the present. Ingram: History of Political Economy.

IV. Sociology. Senior elective. Three hours. One term. Text book. The purpose of course IV. is to give a general idea of the structure of society and the forces that have determined its development. Special attention will be given to the economic phenomena of society.

V. History of American Tariffs. Senior elective. Three hours. One term. Text book. Lectures. Discussion. This course will be devoted to the study of the principal tariff laws enacted by the United States. Special emphasis will be laid upon the economic conditions preceding and following each act. Causes and effects, rather than schedules and rates, will constitute the main subject of study.

THE JAMES J. BELDEN LIBRARY OF ECONOMICS.—The facilities of the University for work in the Department of Economics have been greatly enlarged by means of this new library, which contains, among other works, all general authorities on Political Economy; special treatises, publications of scientific associations, national and state publications, etc. The library is adjacent to the department recitation room and is given the fullest possible circulation and use. It affords material both for a general working and a seminary library.

PHILOSOPHY AND PEDAGOGY.

I. *Psychology.*—Psychology occupies three hours a week during the entire Junior year. It is taught by text book and lectures under the forms of

1. Empirical Psychology;
2. Rational Psychology—Logic;
3. Applied Psychology—Pedagogy.

During the first and second terms of the Junior year one hour additional to the above may be elected for the investigation and discussion of special topics in Psychology by the Seminary method.

II. *Pedagogy.*—During the third term of both Junior and Senior years elective classes in Pedagogy are formed for the study of

educational systems and methods. The study of Pedagogy has been introduced in order to meet the growing demand of such as purpose to make teaching their life work.

III. *Ethics.*—Ethics is a required study during the first term of the Senior year. It is the aim by text-book, lecture and discussion to develop in the mind of the student clearer views of the foundation of moral obligation, the conscience and the moral law. Much attention is given to recent ethical discussion and the student is referred to and encouraged in collateral reading. A Thesis on some topic germane to the term's study is required from each.

IV. *History of Philosophy.*—The history of Philosophy is pursued during the second and third terms of the Senior year, occupying three hours a week.

Attention is mainly devoted to certain great representative names, such as Bacon, Des Cartes, Spinoza, Lock, Leibnitz, Hume, Reid, Kant, Hegel, Hamilton and others. Lectures and written disquisitions are used as supplementary to the text-book.

V. *Evidences of Christianity.*—During the last term of the Senior year five hours a week are given to recitations in the History and Philosophy of the Evidences of Christianity.

MATHEMATICS AND ASTRONOMY.

I. MATHEMATICS.

1. *Algebra.*—Quadratic Equations and Calculus of Radicals reviewed; Indeterminate Co-efficients; Bi-nominal Theorem, Theory of Logarithms, Theory of Equations, Series, etc. First and second terms; four hours. *Wentworth's* College Algebra. Freshman required.

2. *Solid Geometry.*—*Wentworth*, with original problems. Third term; four hours. Freshman required.

3. *Trigonometry.*—Plane and Spherical, with field work. *Wentworth.* First term; four hours. Sophomore required.

4. *Analytic Geometry.*—Elementary course. *Bowser.* Second term; four hours. Sophomore required.

5. *Differential Calculus.*—*Bowser.* Maclaurin's and Taylor's Theorems, Evaluation of indeterminate forms, Maxima and Min-

ima of functions of a single variable, etc. First and second terms; two hours. Junior elective.

6. *Differential and Integral Calculus.—Bowser.* Work completed. Third term; four hours. Junior elective.

7. *Analytic Mechanics.—Bowser.* Composition and resolution of forces, Center of Gravity, Problems in Construction of Machines, the Pendulum, Projectiles, Work and Energy. Third term; four hours. Junior elective.

8. *Surveying and Leveling*, with field work. Third term: two hours. Senior elective.

9. *Algebraic and Geometric Problems.*—Second term; two hours. Senior elective.

10. *Determinants.*—Second term; two hours. Senior elective.

11. *Quaternions.*—Third term; two hours. Senior elective.

12. Classes will also be formed in Analytic Geometry of three dimensions, Theory of Equations and Differential Equations.

II. ASTRONOMY.

1. *General Astronomy.*—Elementary Principles of Spherical and Physical Astronomy, parallax, refraction, precession, aberration, with a summary of Descriptive Astronomy. First, second and third terms; two hours. Junior elective.

2. *Spherical and Practical Astronomy*, including observatory practice with the sextant, transit, equatorial and filar micrometer. First, second and third terms; two hours. Senior elective.

3. *Astronomical Computations*—First term: two hours. Senior elective.

4. *Spectrum Analysis*, leading to a knowledge of the methods employed in the New Astronomy, first, second and third terms; one hour. Junior elective.

PHYSICS.

I. During the Sophomore year a general course of lectures is delivered on the elements of Mathematical Physics, Molecular Physics, Hydrostatics, Hydrodynamics, Pneumatics, the Kinetic Theory of Gases, Acoustics, the Correlation and Conservation of Energy, Heat and Light.

The notes taken of the lectures in the class-room are required to be put into proper form and transcribed into a note-book. These are from time to time examined by the lecturer to assure himself that the subject is properly grasped and the transcription of the notes not unduly delayed.

Written examinations upon all subjects lectured upon are held throughout the term. The percentage made at these examinations, together with that taken at the final examination at the end of the course, and the character of the notes taken of the lectures, determine the standing of the student.

The following *elective* courses in Physics are offered for the current year,

II. *Electrostatics*. 2 hours, Lectures, 4 hours, Laboratory practice. Electrical attraction and repulsion.–Conduction, Electrification by Induction, Electroscopes, Electrometers, their calibration. Distribution of electricity on cylinders and cones. Elementary theory of potential. Power of points. Mapping of lines of force and equipotential surfaces.—The theory of condensers.—Specific inductive capacity.—Conducting power of oils. Electric machines, etc.

III. *Magnetism*. 2 hours, Lectures, 4 hours, Laboratory practice. Magnetic attraction and repulsion.—Methods of making magnets.—Distribution of magnetism.—Lines of force.—Development of formulæ for the measurement of magnetic force.—The magnetometer.—Determination of H. V. and T. Determination of Dip.—Effect of mechanical disturbance such as twist, shock, etc., on the magnetic moment. Work with the comparison magnetometer. Mapping of the earth's field as disturbed by permanent magnet, etc.

IV. Current electricity. 2 hours, Lectures, 4 hours, Laboratory practice. Properties of currents. The voltaic cell, chemical action in the cell. Its arrangement into batteries (series and multiple arc.) Magnetic effects of currents. Electromagnets.—Different types of Galvanometers. Ohm's law. Measurement of current.—Determination of constant of tangent galvanometers from (a) dimensions(b)silver deposition.–Measurement of resistance.–Wheatstone bridge.–Measurement of electromotive force of constant cells. The theory of shunts. Induction. Law of Lenz. Induction

coil.—Elementary theory of dynamos, Alternator, Transformer, etc. Elementary theory of magnetic circuits.—Susceptibility, permeability, hysteresis, etc.

Courses II. III. and IV. are open to Juniors in all courses.

V. First term.—Physical measurements: 6 hours, required to be taken if Physics is made a major.—

Determination of g. by means of Atwoods-machine and Reversion pendulum. Calibration of bore of tubes.—Calibration of thermometer.—Determination of frequency of vibration of tuning forks (a) by Seebeck's siren (b) by Koenig's interference apparatus.—Indirect determination of velocity of sound in air by Seebeck's method. Determination of velocity of sound in hydrogen, coal gas, carbon dioxide, steel, brass and glass; Kundt's method. The use of the spectrometer. Determination of angle of prism, of index of refraction, of wave length of sodium light, with grating. Optic bench,—Diffraction. Determination of wave length by means of Fresnel's biprism.—

VI. Second term.—Advanced course in electrical measurements: 12 hours offered. 6 hours required to be taken if Physics is made a major.

Determination of constant of sensitive galvanometer, of resistance by fall of potential, of temperature coefficient of resistance, of battery resistance (Ohm, Mance) of electromotive force (Wiedeman's method,) of "E. M. F." of thermo-couple.—

Equipotential lines and lines of flow. The use of the ballistic galvanometer: Determination of its constant, of the logarithmic decrement of its needle.—Comparison of capacities. Condenser method of determining resistance of a polarizing cell.—Measurements of lines of force of a permanent magnet. Determination of distribution of magnetism of a bar-magnet.—

VII. Third term.—Laboratory work. Thesis.—15 hours. The entire time of the student is occupied in working out theoretically and experimentally a subject assigned by the head of the department.

Courses V. VI. and VII. are open for election by seniors of the science course and specialists.

Students in the department of Physics are encouraged to make use of the workshop, which is furnished with machine and wood lathe, planer,

power hacksaw, vices, machinist's and carpenter's tools and gas-engine as a source of power.—

The laboratory is furnished with a dividing-engine and circular dividing-engine (latest design Geneva society) Micrometers, Oertling balance. Standard mercurial barometer. Reversion pendulum (Geneva society). Apparatus for determining Young's modulus. Toepler-Holtz mercury air pump, latest design.—Piston air pumps.—Grande sirene de Seebeck, Tuning forks (diatonic and tempered scale), Helmholtz's resonators (spherical and cylindrical), interference apparatus, organ pipes, bellows, monochord, Schafgotsch's singing flame apparatus. (Acoustic apparatus of Koenig's manufacture). Optic bench with all its accessories. Polarizing apparatus, Lenses, Favre and Silberman's apparatus. Foucault's electric light regulator, projecting lantern. Gratings. Spectrometer.—(Geneva Society.)

Large electro-magnet with accessories,—Standard resistance-boxes, Wheatstone bridges, different designs and by different makers. Commutator for Carey-Foster method, shunts, keys, commutators. Standard resistances and condensers. Quadrante lectro-meter. (Mascart's modificaton). Lord Kelvin's water battery 500 cells, chloride of silver battery, etc. Lord Kelvin's galvanometers: square case, tripod potentential, current meter, etc. High and low resistance galvanometers, of other patterns. Ballistic galvanometers. Tangent galvanometers. Lord Kelvin's Rheostat, Kew magnetometer, dipping needle, Kohlrausche's condenser, etc., etc. Shunt Dynamo.

The current is furnished by compound wound dynamo, accumulators and a variety of batteries of different makes.

The laboratory for the Juniors in electricity and magnetism is furnished with seven complete sets of apparatus designed by the head of the department.

CHEMISTRY.

I. Elementary Chemistry. Lectures, recitation, and laboratory work. The text book used is Remsen's Briefer course in Chemistry. Each student performs in the laboratory the experiments described in the text. Four and three hours per week during the year.

Course I. is required of Sophomores, Science course, and is elective for Juniors, Classical and Latin Scientific courses.

II. Qualitative and Quantitative Analysis during the first half year, a systematic course of qualitative Analysis of acids and bases is

given: During the second half year, the student performs a series of quantitative determinations illustrating the principles of gravimetric and volumetric Analysis. Three laboratory hours per week during the year.

Course II. is elective for those who have taken Course I.

Text book used, Caldwell's Chemical Analysis.

III. Advanced Quantitative Analysis.

A practical course in advanced quantitative work will be arranged to meet the wants of the students who elect the course.

Three laboratory hours per week for the first two terms.

Course III. is elective for those who have taken course II.

IV. Blow pipe Analysis and Mineralogy.

A practical course in blow pipe Analysis and Crystallography is given during the first half year; during the second half year, the work consists of determinative mineralogy, using as a text book, Brush's Determinative Mineralogy and Blow Pipe Analysis.

Two laboratory hours per week during the year.

Course IV. is elective for those who take or have taken Course V.

V. Organic Chemistry.

Recitation and laboratory work. Remsen's Organic Chemistry is used as the text book and each student performs the experiments described in Orndorff's Laboratory Manual.

One recitation hour and one laboratory hour per week during the first two terms.

Course V. is elective for those who take or have taken course II.

SPECTROSCOPY.

A course in Spectrum Analysis, covering three terms, has been arranged for students making Physics, Chemistry and Astronomy their specialties. In the first term the solar spectrum is studied, and the Fraunhofer lines are plotted and used for reference lines in all future work. The flame spectra are then observed, and after plotting any apparent coincidences of lines, are investigated by means of the comparison prism. The second term is devoted to the study of spark spectra, using both solutions and metal electrodes, and in addition such gases as may be deemed advisable. This is followed in the Senior year by the study of the absorbtion spectra of solutions and their modifications by rea-

gents. Attention is also directed to the construction of the interpolation curve for the conversion of the readings of the dispersion spectrum into wave lengths, the use of the diffraction grating and the direct determination of wave lengths.

BIOLOGY.

During the third term of the Sophomore year a general course of lectures is given illustrative of the elementary aspects of biology, and as a preparation for the more special and practical courses announced below. To students showing special aptness in the preliminary work there is open consecutive courses along special lines during both the Junior and Senior years. The work of the department is designed to secure the following general and special ends:—

1. EDUCATIONAL. The importance which biology has assumed as a department of modern knowledge has secured for it a prominent place in all progressive educational systems. Its methods conduce to a culture not easily available through any other medium.. In training the powers of observation, comparison and judgment, and as a key to that communion with nature without which many of the finer elements of being remain undeveloped, it is wholly unique.

2. PROFESSIONAL. In an age so dominated by the scientific method as the present some practical familiarity with scientific subjects is highly essential to the best results in any professional career, and indispensable to that of the physician, the investigator, or teacher of such subjects.

The facilities of the department have recently been greatly increased and extended. Important additions have been made in laboratory appliances. New apparatus of the latest and most approved construction is now available to students, comparable with that available for undergraduate work in the best institutions of the state. Among the more recent additions may be mentioned, an illustrative set of the famous "Naples Zoological Preparations," physiological apparatus, improved automatic microtomes, and microscopic accessories, photographic and projecting instruments, etc.

A small, but well selected, departmental library is available to advanced students, and will greatly faciltate thesis, or other original work. A complete set of the Zoologischer Anzeiger, and Journal of the Royal Microscopical Society, with many special papers, journals and reports,

supplied in part from the resources of the professor, are among the more important and recent additions.

The following courses are offered for the year 1895:—

I. GENERAL BIOLOGY. This course is devoted to a study of the general laws of life, the relations of living things to each other, and their distribution in time and space. It is required in all the courses during the third term of the Sophomore year, and is elective to a limited number during the Junior year.

Beginning with the Junior year the course will comprise a practical study of such typical members of both the animal and vegetable kingoms as illustrate most of the fundamental laws and relations of living things, and at the same time secure that familiarity with laboratory methods which subsequent courses will necessitate.

II. GENERAL ZOOLOGY. Morphology of the Invertebrates. The design of this course is to afford a general acquaintance with the structure and habits of the animal world. The basis of the course will be laid in a course of lectures upon general invertebrate morphology, in which typical animals will be described and illustrated, both from charts and specimens, and from practical demonstrations. This will be supplemented by direct and critical laboratory study on the part of the student with constant reference to the literature of the subject, and with frequent quizzes and written reviews and carefully executed notes and sketches on each phase of work. To follow course I.

III. BOTANY. This course is continuous during the second and third terms of the Junior year, and is devoted chiefly to structural and systematic botany. In method and design it is similar to course II. To follow course I.

IV. COMPARATIVE ANATOMY AND PHYSIOLOGY. A laboratory course specially designed as introductory to the study of medicine. It will comprise a critical comparison of the morphology of typical vertebrates, accompanied by demonstrations of the more fundamental principles of physiology. Continuous during the first and second terms of the Senior year. To follow course II.

V. OSTEOLOGY AND HISTOLOGY. This course will comprise studies in comparative osteology, methods of preparing tissues for his-

tological study and detailed drill in microscopic technique. It will be given in connection with, and as a part of course I V.

VI. BACTERIOLOGY. A brief course will be offered to a limited number of such as may be prepared to enter upon it, affording an introduction to a department of biology which of late has assumed unusual importance in view of its pathologic and economic relations. To be given on alternate years, and to follow course II. or IV.

VII. PHILOSOPHICAL BIOLOGY. A course of lectures and special readings upon speculative and philosophical phases of biological thought and teaching. To be given on alternate years during the third term, and open to election by Juniors and Seniors who have had course II. or III.

ESTHETICS.

Weekly lectures are given on Esthetics during the first term, and on the History of the Fine Arts during the second and third terms of the Senior year. The appliances of the College of Fine Arts are employed to illustrate these lectures.

DRAWING.

The work in Drawing is such as to be of practical use in representing results obtained in the different laboratories. It also enables the student more easily and thoroughly to understand the drawings which almost invariably accompany the descriptions of experiments and of scientific apparatus.

In Free Hand Drawing the student is first taught to see objects correctly and then to represent them accurately on paper.

In Perspective a thoroughly scientific knowledge of the theory is taught and problems are solved which are of practical utility. A little time is devoted to the Perspective of shades and shadows and of reflections.

In Mechanical Drafting Orthographic Projections are taught. Water color washes are employed as a means of representing the modeling, shape and sections of objects more effectively than by relying on outline drawings alone. Attention is also given to Isometric Projections, and to Penetrations and Intersections of surfaces.

LIBRARY ECONOMICS.

Opportunity will be given to such as desire it to take a course of instruction with the Librarian in Library Economics. The course will embrace (1) Library writing and appliances, (2) Books, size, form, binding etc.,(3) Study and practice in accessioning, indexing and cataloguing, (4) Record books—filing and indexing Library correspondence, (5) Study of, and practice in various systems of classification, (6) Bibliography, use of books, etc., (7) Original work in arranging, cataloguing, indexing, making shelf and finding lists, etc., of some portion of the library.

GRADUATE DEPARTMENT.

Graduate instruction, leading to the higher degrees, will be offered in a limited number of departments, subject to the following conditions:

1. Candidates must have received from this University, or one of equal rank, the Bachelor's degree in Arts, Philosophy or Science.

2. MASTER'S DEGREE. Candidates for the Master's degree must spend at least one year in residence in pursuit of a course of advanced study approved by the faculty. At least one-half of the time of the candidate must be devoted to a single department, and his undergraduate preparation therefor must be satisfactory to the Professor in charge. Upon the approval of such Professor he may elect the remainder of his work from the same or any other department. After passing all requisite examinations and submitting a thesis giving evidence of creditable ability in investigation, he may be recommended for the appropriate Master's degree.

In lieu of the one year in residence, the candidate may, upon consent of the faculty and the Professor in whose department the work is to be done, pursue similar lines of prescribed study as a non-resident for a period of at least two years, and upon passing satisfactory examinations and submitting a thesis of high grade, may be recommended for the Master's degree.

3. DOCTOR'S DEGREE. Candidates for the degree of Doctor of Philosophy must pursue an advanced course of study in residence, for a period of at least two years. The course must include two or more correlated lines of study under the supervision of at least two Professors, which shall be known respectively as the major and minor subjects, and for such lines of study his undergraduate preparation must be satisfac-

tory to the Professor in charge. He must pass satisfactory examinations upon the entire work, some portion of which examinations must be under the direction and in the presence of a committee of the faculty. Before any examination is had the candidate must have submitted a thesis upon some phase of his major subject which shall show unquestioned ability in investigation. In case the thesis is accepted at least twenty-five copies in print must be deposited with the librarian for preservation and exchange.

The University does not obligate itself to confer the degree at the expiration of any specified time, since quality of work and mastery of methods of investigation will have primary consideration.

COURSES OF STUDY IN THE COLLEGE OF LIBERAL ARTS.

[See explanatory note following the courses.]

FRESHMAN YEAR.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
First Term.	Algebra, 4. Latin, 4. Greek, 3. German or French, 3. English, 2. Elocution, 1.	Algebra, 4. Latin, 4. French, 3. German, 3. English, 2. Elocution, 1.	Algebra, 4. French, 3. German, 3. Drawing, 3. English, 2. Elocution, 1.
Second Term.	Algebra, 4. Latin, 4. Greek, 3. German or French, 3. English, 2. Elocution, 1.	Algebra, 4. Latin, 4. French, 3. German, 3. English, 2. Elocution, 1.	Algebra, 4. French, 3. German, 3. Drawing, 3. English, 2. Elocution, 1.
Third Term.	Geometry, 4. Latin, 3. Greek, 4. German or French, 2. English, 3. Elocution, 1.	Geometry, 4. Latin, 3. French, 2. German, 2. English, 3. Elocution, 1.	Geometry, 4. French, 2. German, 2. Drawing, 3. English, 3. Elocution, 1.

SOPHOMORE YEAR.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
First Term.	Trigonometry, 4. Latin, 3. Greek, 3. History, 2. Physics, 3. German or French, 3.	Trigonometry, 4. Latin, 3. German, 3. History, 2. Physics, 3.	Trigonometry, 4. Chemistry, 4. German, 3. History, 2. Physics, 3.
Second Term.	Analytic Geometry, 4. Latin, 3. Greek, 2. History, 3. Physics, 3. German or French, 3.	Analytic Geometry, 4. Latin, 3. German, 3. History, 3. Physics, 3.	Analytic Geometry, 4. Chemistry, 3. German, 3. History, 3. Physics, 3.
Third Term.	Latin, 3. Greek, 2. German or French, 3. English, 3. History, 2. Biology, 3. Elocution, 1.	Latin, 3. German, 3. English, 3. Biology, 3. History, 2. Elocution, 1.	Chemistry, 4. German, 3. History, 2. Biology, 3. Physics, 3. Elocution, 1.

		CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
JUNIOR YEAR.	First Term.	Calculus, 2.	Calculus, 2.	Calculus, 2.
		Psychology, 3.	Psychology, 3.	Psychology, 3.
		Latin, 3.	Latin, 3.	
		Hebrew, 2.	Hebrew, 2.	
		Electrostatics, 4.	Electrostatics, 4.	Electrostatics, 4.
		Reformation and 30 Years' War, 3.	Reformation and 30 Years' War, 3.	Reformation and 30 Years' War, 3.
		Pedagogy of History, 2.	Pedagogy of History, 2.	Pedagogy of History, 2.
		Elements of Economics, 3.	Elements of Economics, 3.	Elements of Economics, 3.
		Botany, 4.	Botany, 4.	Botany, 4.
		Zoology, 4.	Zoology, 4.	Zoology, 4.
		French Literature, 3.	French Literature, 3.	French Literature, 3.
		History of German Literature, 3.	History of German Literature, 3.	History of German Literature, 3.
		Elizabethan Literature, 2.	Elizabethan Literature, 2.	
		Romantic Poets, 2.	Romantic Poets, 2.	
		General Astronomy, 2.	General Astronomy, 2.	General Astronomy, 2.
		Spectrum Analysis, 1.	Spectrum Analysis, 1.	Spectrum Analysis, 1.
		Greek, 3.		
		Theoretical Chem. and Laboratory, 4.	Theoretical Chem. and Laboratory, 4.	Analytic Chemistry—Gravimetric, 3.
		English Philology, 2.	English Philology, 2.	
		Free Hand Drawing, 2.	Free Hand Drawing, 2.	Free Hand Drawing, 2.

JUNIOR YEAR.

SECOND TERM.

CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
Calculus, 2.	Calculus, 2.	Calculus, 2.
Logic, 3.	Logic, 3.	Logic, 3.
Psycholog. Sem., 1.	Psycholog. Sem., 1.	Psycholog. Sem., 1.
Latin, 3.	Latin, 3.	
Hebrew, 2.	Hebrew, 2.	
Magnetism, 4.	Magnetism, 4.	Magnetism, 4.
English History, 3.	English History, 3.	English History, 3.
Elements of Economics, 3.	Elements of Economics, 3.	Elements of Economics, 3.
Botany, 4.	Botany, 4.	Botany, 4.
Zoology, 4.	Zoology, 4.	Zoology, 4.
French Literature, 3.	French Literature, 3.	French Literature, 3.
History of German Literature, 3.	History of German Literature, 3.	History of German Literature, 3.
Elizabethan Literature, 2.	Elizabethan Literature, 2.	
Romantic Poets, 2.	Romantic Poets, 2.	
General Astronomy, 2.	General Astronomy, 2.	General Astronomy, 2.
Spectrum Analysis, 1.	Spectrum Analysis, 1.	Spectrum Analysis, 1.
Greek, 3.		
Theoretical Chem. and Laboratory, 3.	Theoretical Chem. and Laboratory, 3.	Analytic Chemistry—Gravimetric, 3.
English Philology, 2.	English Philology, 2.	

JUNIOR YEAR.

THIRD TERM.

CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
Calculus, 4.	Calculus, 4.	Calculus, 4.
Mechanics, 4.	Mechanics, 4.	Mechanics, 4,
Pedagogy, 3.	Pedagogy, 3.	Pedagogy, 3.
Psycholog. Sem., 1.	Psycholog. Sem., 1.	Psycholog. Sem., 1.
Latin, 3.	Latin, 3.	
Hebrew, 2.	Hebrew, 2.	
Electrokinetics, 4.	Electrokinetics, 4.	Electrokinetics, 4.
English Constitution, 3.	English Constitution, 3.	English Constitntion, 3.
Development of Economic Theory, 3.	Development of Economic Theory, 3.	Development of Economic Theory, 3.
Botany, 4.	Botany, 4.	Botany, 4.
Zoology, 4.	Zoology, 4.	Zoology, 4.
French Literature, 3.	French Literature, 3.	French Literature, 3.
History of German Literature, 3.	History of German Literature, 3.	History of German Literature, 3.
Elizbethan Literature, 2.	Elizabethan Literature, 2.	
General Astronomy, 2.	General Astronomy, 2.	General Astronomy, 2.
Spectrum Analysis, 1.	Spectrum Analysis, 1.	Spectrum Analysis, 1.
Greek, 3.		Analytic Chemistry—Gravimetric, 3.
Theoretical Chem. and Laboratory, 4.	Theoretical Chem. and Laboratory, 4.	
English Philology, 2.	English Philology, 2.	Blowpipe Analysis, 2.
Romantic Poets, 2.	Romantic Poets, 2.	

		CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
SENIOR YEAR.	FIRST TERM.	Ethics, 4. Latin, 1 or 2. Latin Sem., 1. American History to 1789, 3. Historical Sem., 2. Modern Econ. and Social Conditions, 3. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Astronomical Computations, 2. Greek, 2. Greek, Sem., 1. Analytic Chemistry—Gravimetric, 3. Early English, 2. Esthetics, 1.	Ethics, 4. Latin, 1 or 2. Latin, Sem., 1. American History to 1789, 3. Historical Sem., 2. Modern Econ. and Social Conditions, 3. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Astronomical Computations, 2. Analytic Chemistry—Gravimetric, 3. Early English, 2. Esthetics, 1.	Ethics, 4. Physical Measurements, 6. American History to 1789, 3. Historical Sem., 2. Modern Econ. and Social Conditions, 3. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Spherical and Practical Astronomy, 2. Astronomical Computations, 2. Organic Chemistry, 2. Crystallography and Mineralogy, 2.

		CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
SENIOR YEAR.	SECOND TERM.	Determinants, 2. History of Philosophy, 3. Latin, 1 or 2. Latin, Sem., 1. American History, 1789-1880, 3. Historical Sem., 2. Contemporary Economic Literature, 3. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Algebraic and Geometric Problems, 2. Greek, 2. Greek Sem., 1. Analytic Chemistry, 3. Early English, 2. Art History, 1.	Determinants, 2. History of Philosophy, 3. Latin, 1 or 2. Latin, Sem., 1. American History, 1789-1880, 3. Historical Sem., 2. Contemporary Economic Literature, 3. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Algebraic and Geometric Problems, 2. Analytic Chemistry, 3.	Determinants, 2. History of Philosophy, 3. Advanced Course in Electrical Measurements, 6. American History, 1789-1880, 3. Historical Sem., 2. Contemporary Economic Literature, 3. Geology, 2. French, 3. German, 3. Spherical and Practical Astronomy, 2. Algebraic and Geometric Problems, 2. Crucible and Blowpipe, 2. Volumetric Analysis, 2.

SENIOR YEAR.

	CLASSICAL.	LATIN-SCIENTIFIC.	SCIENCE.
THIRD TERM.	Quaternions, 2. Evidences of Christianity, 3. Philosophical Sem., 2. Latin, 1 or 2. Latin Sem., 1. Historical Sem., 2. French Revolution, 3. Applied Economics, 3. International Law, 2. Art History, 1. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Surveying and Leveling, 2. Greek, 2. Greek, Sem., 1. Analytical Chemistry—Gravimetric, 3. Blowpipe Analysis, 2. Advanced Rhetoric, 2.	Quaternions, 2. Evidences of Christianity, 3. Philosophical Sem., 2. Latin, 1 or 2. Latin Sem., 1. Historical Sem., 2. French Revolution, 3. Applied Economics, 3. International Law, 2. Art History, 1. Comparative Anatomy, 3. Geology, 2. French, 3. German, 3. Victorian Literature, 2. American Literature, 2. Spherical and Practical Astronomy, 2. Surveying and Leveling, 2. Analytical Chemistry—Gravimetric, 3, Blowpipe Analysis, 2. Advanced Rhetoric, 2.	Thesis and Laboratory Work, 15.

EXPLANATORY NOTE.—Numerals indicate the number of class exersises per week. The work of the junior and senior years is entirely elective within the limits of the following groups and under designated regulations.

Group I.	Latin, Greek, Hebrew.	related.
Group II.	English, French, German.	
Group III.	Philosophy, History, Political Science.	
Group IV.	Mathematics, Astronomy, Physics.	related.
Group V.	Physics, Biology, Chemistry.	

From one of these groups each student will not later than the beginning of the junior year, elect a subject or subjects to be known as a major, which must comprise at least six hours per week for two years, one of which years may have been the required work of the sophomore year in those subjects. Students of the science course must make up the major from groups IV. and V. In the Latin-Scientific course the student may make his major from groups I. and II.

Similarly a minor must be chosen from the subjects of a different non-related group, and must comprise at least three hours per week during each of two years.

Additional work must be taken to the amount of at least six hours per week, or sufficient to make an aggregate total during the course of one hundred and ninety term-hours, to be known as *free electives*, which may be chosen from any group for which the student may be prepared, not involving insuperable conflicts of hours.

College of Fine Arts.

Faculty of the College of Fine Arts.

REV. JAMES R. DAY, S. T. D.,
CHANCELLOR.

REV. LEROY M. VERNON, M. A., S. T. D., DEAN,
Professor of Esthetics and the History of the Fine Arts.

GEORGE A. PARKER, MUS. D.,
Professor of Piano and Organ.

ELLA I. FRENCH, MUS. B.,
Professor of Piano.

LUELLA M. STEWART,
Professor of Painting and Drawing.

RUTH ELIZABETH GUIBAULT, MUS. B.,
Professor of Piano.

CONRAD L. BECKER,
Professor of Violin and Ensemble Playing.

WILLIAM H. BERWALD,
Professor of Piano and Theory of Music.

UNNI LUND,
Professor of Vocal Music.

ADOLPH FREY,
Professor of Piano and the History of Music.

EDWIN H. GAGGIN, B. AR.,
Instructor in Perspective and Descriptive Geometry.

MIRIAM A. GUERNSEY, B. PH.,
Instructor in Vocal Music.

MARY SIMS PARKER,
Instructor in Vocal Music.

ALBERT L. BROCKWAY,
Instructor in Architecture.

GINO BARDELLA,
Instructor in Painting and Drawing.

TORQUATO DI FELICE,
Instructor in Painting and Drawing.

ALICE J. OLIVER,
Instructor in Vocal Music.

ARTHUR ELTINGE, MUS. B.,
Instructor in Piano and Organ.

ORGANIZATION AND SCOPE.

The College of Fine Arts was established June 23, 1873, and was inaugurated September 18th, following. Its scope includes instruction ultimately in all the Fine Arts, viz:

1. The *Formative Arts:* Architecture, Sculpture, Painting, Engraving and the various forms of Industrial Art; and

2. The *Phoenetic Arts:* Music, Oratory, Poetry and Belles-lettres Literature.

It now has organized courses of instruction in Architecture, in Painting, in Music and in Belles-lettres. Other courses will be added as circumstances shall permit.

EXAMINATIONS AND EXHIBITIONS.

Examinations for entrance and for promotion are in general coincident with those in the College of Liberal Arts. (See calendar.)

An annual Exhibition of the works of art produced by the students in Architecture and Painting during the year is held the last week of the collegiate year. In Crouse College Hall, on the Monday evening before Commencement day, each year, a Musical Soirée is given by the musical graduates of the year and other musical students. This is the annual representation of the musical department.

DEGREES.

Persons completing the course in Architecture, receive the degree of *Bachelor of Architecture:* in Painting, the degree of *Bachelor of Painting;* in Music, that of *Bachelor of Music;* in Belles-lettres that of *Bachelor of Letters.* Special students may receive certificates of the studies taken and of their proficiency. Those so desiring may take one or more branches of the course in Music or in Painting without the accompanying literary studies, and when completed they may receive a certificate under the seal of the University.

A graduate in either of the above courses, who shall have pursued professional work for three years after graduation, may receive the second or Master's degree upon the following conditions: The presentation to the College of an approved original work in his particular branch of art; examination on an approved course of reading in Esthetics and in the history of his department of art and the payment of a graduation fee of twenty-five dollars.

FELLOWSHIP.

Rev. Hiram Gee has established a fellowship in Painting, yielding an annual revenue of $500. Senior students in painting this year and the Seniors of every succeeding year in their turn, may compete for this fellowship, which will be awarded on the basis of merit annually to the most deserving among those willing to spend the year following their graduation in the study and work of painting in some art center.

EXPENSES.

In the College of Fine Arts the tuition for each of the regular courses is $40.00 per term. For equivalent selected studies or work the tuition is the same. To sons and daughters of all clergymen $20.00. When a student is dependent on his own resources alone, the University, should it appear necessary to enable him to prosecute his studies without interruption, will accept his note, properly endorsed, for half the tuition to be paid at his earliest convenience after leaving College. Students desiring to do so may arrange for private instruction in music by engaging the entire hour. For such students as do not take either of the regular courses, nor yet full work, but only certain selected studies or special lessons, the following is a schedule of prices per term:

Two Piano, Vocal or Violin lessons per week (one hour each in classes of three),	$18.00
One Piano, Vocal or Violin lesson per week (one hour in classes of three),	9.00
Two Organ lessons per week (one hour each in classes of three),	20.00
One Organ lesson per week (one hour in classes of three),	10.00
Two Theory lessons per week (one hour each in classes),	6.00
Lessons in Drawing, Perspective, Painting in Oil or in Water Colors (10 hours a week),	20.00
Lessons in Drawing, Perspective, Painting in Oil or in Water Colors (5 hours a week),	10.00
For special studies, as the study of Art, a modern language, Physical Culture or Elocution, etc., (two or three hour lessons a week),	6.00

A matriculation fee of $5.00 is required of every student, on admission to the University, and twenty dollars for graduation and diploma.

SPECIAL STUDENTS.

Special Students, that is, those not purposing to take either of the full and regular courses or to graduate, may enter at any time and may take such studies as they choose and are prepared to pursue with advantage to themselves and without detriment to the classes.

COURSES OF STUDY.

The following schedules exhibit the courses of study in Architecture, Painting, Music and Belles-lettres. A limited amount of substitution of other equally pertinent, equally thorough and valuable studies for those named in the schedule, may be allowed in any of the courses. But a course must be substantially covered before a diploma is given.

COURSE IN ARCHITECTURE.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FALL TERM.	Architectural Design: Two problems. Drawing of Ornament. Lecture on Art, 1. French or German, 3. Trigonometry, 4. Mediæval History, 2. History of Ornament (Drafting), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Calculus, 2. Shades and Shadows, (Descriptive Geometry), 3. History of Architecture (Ancient), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Physics, 3. Strength and Use of Materials, 5. Principles of Heating and Ventilation (Lecture), 1.	Architectural Design: One problem. Drawing from Life. Lecture on Art, 1. Italian (elective), 2. Specifications and Contracts (Lecture), 1. Archæology. Esthetics, 1.
WINTER TERM.	Architectural Design: Two problems. Drawing of Ornament. Lecture on Art, 1. French or German, 3. Analytical Geometry, 4. Modern History, 3. History of Ornament (Drafting), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Stereotomy, 2. Calculus, 2. History of Architecture (Gothic and Renaissance), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Physics, 3. Masonry Construction, 5. Principles of Sanitary Science (Lecture), 1.	Architectural Design: One problem. Drawing from Life. Lecture on Art, 1. Italian (elective) 2. Superintendence (Lecture), 1. Archæology.
SPRING TERM.	Architectural Design: Two problems. Drawing of Ornament. Lecture on Art, 1. French or German, 3. Linear Perspective, 3. Modern History, 2. Descriptive Geometry, 3. History of Ornament (Drafting), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Calculus, 4. Mechanics, 4. History of Architecture (Modern), 1.	Architectural Design: Two problems. Cast Drawing. Lecture on Art, 1. French or German, 3. Roofs and Bridges, 4. Architectural Iron and Steel, 2. Electrical appliances in Architecture (Lecture), 1.	Architectural Design: One problem. Drawing from Life. Lecture on Art, 1. Italian (elective), 2. Archæology.

COURSE IN PAINTING.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Linear Perspective, 8. Drawing from Casts, 10. Italian, 2. English Criticism, 2. Elocution, 1. Study of Art, 2. History of Fine Arts, 1.	Water Color Painting, 10. Drawing from Casts, 10. Medieval History, 2. German, 3. History of Fine Arts, 1.	Oil Painting, 10. Drawing from Casts, 12. Esthetics, 1. French, 3. History of Fine Arts, 1.	Oil Painting, Landscape, 10. Drawing from Nature, 10. History of Architecture, 1. Classical Mythology, 1. Classical Archæology, 1. Two Essays on Art.
SECOND TERM.	Linear Perspective, Shades and Shadows, } 8. Drawing from Casts, 10. Italian, 2. English Criticism, 2. Elocution, 1. Study of Art, 2. History of Fine Arts, 1.	Water Color Painting, 10. Drawing from Casts, 10. Modern History, 3. German, 3. History of Fine Arts, 1.	Oil Painting, 10. Drawing from Life, 10. History of Fine Arts, 1. English Literature, 3. French, 3.	Oil Painting, Figure, 10. Drawing from Life, 10. Decorative Art, and Applied Design, 6. History and Styles of Engraving, 1. History of Sculpture, 1. Two Essays on Art.
THIRD TERM.	Applied Perspective, 8. Drawing from Casts, 10. Artistic Anatomy, 6. Ancient History, 2. Italian, 2. Science of Beauty, 2. History of Fine Arts, 1.	Water Color Painting, 10. Modeling, 10. Modern History, 2. German, 5. History of Fine Arts, 1.	Oil Painting, 10. Drawing from Life, 10. Modeling, 4. History of Fine Arts, 1. French 3.	Etching, 6. Original Composition and Graduating Painting, 10. History of Painting, 1. Art Criticism, 1. Encyclopedia of Art Literature, 1 Christian Archæology and Symbolism in Art, 1. Graduating Thesis.

COURSE IN MUSIC.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 2. Elocution, 1. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Mus. Theory, Melodies, 2. History of Music, 1. Recital, 1. Medieval History, 2. German, 3. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Inharmonics, 2. Recital, 1. French, 3. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, Quartet Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Polyphonic forms, 2 Recital, 1. Esthetics, 1. Two Essays on Art. History of Fine Arts, 1.
SECOND TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Italian, 2. English Criticism, 2. Elocution, 1. History of Fine Arts. 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. Modern History, 3. German, 3. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Figuration, 2. French, 3. English Literature, 3. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, Solo Playing, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 2. Recital, 1. History of Fine Arts, 1. Two Essays on Art.
THIRD TERM.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Musical Theory, Chords, 2. Recital, 1. Ancient History, 2. Elocution, 1. Italian, 2. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. History of Music, 1. Mus. Theory, Modulation, 2. Recital, 1. German, 5. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 1. Chorus Singing, 1. Violin, 2. Organ, 1. Mus. Theory, Homophonic forms, 2. Recital, 1. French, 3. History of Fine Arts, 1.	Piano, 2. Cultivation of the Voice, 2. Chorus Singing, 1. Violin, 2. Ensemble Playing, 1. Organ, 1. Mus. Theory, Higher forms, 1. Recital, 1. History of Fine Arts, 1. Encyclopedia of Mus. Lit., 1. Graduating Thesis.

COURSE IN BELLES LETTRES.

Numerals indicate the number of lessons or lectures per week.

	FRESHMAN YEAR.	SOPHOMORE YEAR.	JUNIOR YEAR.	SENIOR YEAR.
FIRST TERM.	Rhetoric, 2. History, 2. Italian, 2. German, 3. Study of Art, 2. Elocution, 1. Physical Culture, 1. Art History, 1. *Pedagogy of History, 2.* *Music, 2.* *Drawing, 3.* *Algebra, 4.*	Romantic Poets, 2. Italian, 3. German, 3. Elocution, 1. Physical Culture, 1. Art History, 1. Shakespeare, 2. *Elements of Economics, 3.* *Music, 2.* *Painting, 3.*	Elizabethan Literature, 2. Early English, 2. French, 3. History of German Literature, 3. Art History, 1. American History to 1789, 3. Elocution and Physical Culture, 2. *Psychology, 3.* *Modern Economics and Social Conditions, 3.* *Comparative Anatomy, 3.* *Music, 2.* *Advanced Rhetoric, 1.* *Painting, 3.*	Victorian Literature, 2. American Literature, 2. Minor Dramatists, 2. Poetics, 2. French, 3. German, 3. Esthetics, 1. Art History, 1. *Reformation and 30 Years' War, 3.* *Modern Economic Conditions, 3.* *Geology, 2.* *Music, 2.* *Painting, 3.*
SECOND TERM.	Rhetoric, 2. History, 3. Italian, 2. German, 3. Art History, 1. Elocution, 1. Study of Art, 2. Physical Culture, 1. *English History, 3.* *Music, 2.* *Drawing, 3.* *Algebra, 4.*	Romantic Poets, 2. Italian, 3. German, 3. Elocution, 1. Physical Culture, 1. Shakespeare, 2. Art History, 1. *Elements of Economics, 3.* *Music, 2.* *Painting, 3.*	Elizabethan Literature, 2. Early English, 2. French, 3. History of German Literature, 3. Art History, 1. American History, 1789-1880, 3. *Contemporary Economic Literature, 3.* *Comparative Anatomy, 3.* *Elocution and Physical Culture, 2.* *Music, 2.* *Advanced Rhetoric, 1.* *Painting, 3.*	Victorian Literature, 2. American Literature, 2. Minor Dramatists, 2. Poetics, 2. French, 3. German, 3. Art History, 1. *Art Criticism, 2.* *Geology, 2.* *Music, 2.* *Painting, 3.*
THIRD TERM.	Rhetoric, 2. History, 2. Italian, 2. German, 2. Ancient History, 2. Art History, 1. Elocution, 1. Physical Culture, 1. *Geometry, 5.* *Science of Beauty, 2.* *Music 2.* *Drawing, 3.*	History of English Literature, 3. Romantic Poets, 2. Shakespeare, 2. Italian, 3. German, 3. Elocution, 1. Physical Culture, 1. Art History, 1. *Development of Economic Theory, 3.* *Music, 2.* *Painting, 3.*	Elizabethan Literature, 2. Early English, 2. French, 3. History of German Literature, 3. Art History, 1. French Revolution, 3. *Comparative Anatomy, 3.* *Elocution and Physical Culture, 2.* *Evidences of Christianity, 3.* *Applied Economics, 3.* *Music, 2.* *Advanced Rhetoric, 1.* *Painting, 3.*	Victorian Literature, 2. American Literature, 2. Minor Dramatists, 2. Poetics, 2. French, 3. German, 3. *Art History and Criticism, 2.* *Biology, 3.* *Pedagogy, 3.* *English Constitution, 3.* *Music, 2.* *Painting, 3.*

Of the studies above in italics, at least one for each term must be elected and pursued.

Departments.

The courses of study already established include systematic and progressive instruction in the theory, history and practice of the arts to which they severally relate; also in those branches of mathematics, natural science, philosophy, history, language and criticism which bear most directly upon these arts, and without a knowledge of which success in the higher domain of art is impossible. The other Colleges of the University afford excellent opportunities to students, so desiring, to pursue studies related to the Fine Arts other than those included in the courses of this College.

The professors are practical workers in their several departments. The students have access to their studios and offices, and an opportunity of witnessing works of art in process of completion by their hands or under their direction. The aim is so to develop talent that each student shall retain his individuality of character and manner; not to shape all by any arbitrary method.

Esthetics and Art Criticism.

All the Fine Arts are founded on the principles of the Science of Esthetics. Instruction in these principles is given by the use of text books, by recitations and discussions in Class. Thus also are taught the principles of Art Criticism. Those applying specially to architecture, sculpture and painting are treated more at length in separate courses of lectures.

History of the Fine Arts.

A course of lectures is given upon the History of the Fine Arts, in which are traced the leading features of the Fine Arts as a whole, and the relation they have held to other elements of civilization. Courses of lectures are also given upon the history of architecture, sculpture and painting.

Classical Mythology and Archæology.

Courses of lectures are given upon the Mythologies of the ancient Egyptians, Greeks and Romans, with special reference to their relation

to ancient art, and upon the leading features of classical Archæology, and the geographical distribution ot monuments of ancient art.

CHRISTIAN AND MEDIEVAL ARCHÆOLOGY.

Lectures are given upon Christian Archæology, in which are traced the origin and development of symbolism and the illustration of the Christian Doctrine in the Fine Arts, and upon the general principles of medieval Archæology.

ART LITERATURE.

Upon the Encyclopedia of Art Literature are given lectures, consisting of critical remarks and dissertations upon the characteristic features, the relative value, the authorship, and the date and place of publication, of the most important books and periodicals, which have appeared in Europe and America upon Esthetics, and the history, theory and practice of the Formative Arts. Students have very easy access also to a Club ART READING-ROOM AND LIBRARY in Crouse College, where are at their disposition seventy or more periodicals and magazines, most of them beautifully illustrated, treating of every branch and phase of the Fine Arts. These come regularly from all the countries where the Fine Arts are cultivated, representing their progress, their special achievements and their latest and most approved methods.

RELATED STUDIES.

The proximity of the College of Liberal Arts renders it possible to insert from its courses studies essential to the complete education of the architect, the painter and the musician, both as artists and persons of general culture. To a limited extent other studies from the College of Liberal Arts may be substituted for those designated in the schedules.

The college of Medicine offers excellent opportunity to such students as may desire to make more extensive studies in human and comparative anatomy.

MUSEUM.

As a nucleus to a museum there have been procured, mostly from Europe, several thousand engravings, photographs and chromo-lithographs, illustrating the methods of production, and many of the chief historic works in architecture, painting and the industrial arts. A sufficient number of architectural and other casts have been procured to meet the immediate wants of the College. The Leavenworth-Wolffe collection of engravings, containing 12,000 sheets, is a valuable contri-

bution to the art treasures of the University. The Hill collection of curios and articles of *Virtu* from Japan and China is also very interesting and valuable.

Essays.

During the first and second terms of the senior year each student is required to present an essay of not less than six hundred words, and during the last term a thesis of not less than a thousand words, upon some subject relating to the Fine Arts.

Department of Architecture.

REQUIREMEMTS FOR ADMISSION.

Candidates for admission to the course in Architecture are examined in English Grammar, Rhetoric, Geography (Ancient and Modern, Political and elements of Physical,) History (United States, Greek and Roman, as given in Myers' *Ancient History* or its equivalent,) Physics (J. Dorman Steele's work or its equivalent,) Arithmetic entire, including the metric system, Wentworth's Complete Algebra entire or its equivalent, and in Wentworth's Plane and Solid Geometry entire or its equivalent; in Drawing from Ornament—a Charcoal drawing will be required (to be executed in four hours) of some simple Cast of ornament or of a vase: in Architectural Drafting—a drawing of either one of the Roman, Doric, Ionic or Corinthian orders at a scale of 1½″=1′—0″ and inked in, to be executed from memory in four hours. For authorities consult Vignole, French edition (can be had from Hessling & Spielmeyer, New York City) or translation by A. L. Tuckerman published by Wm. T. Comstock, New York City.

PREPARATORY YEAR.

To provide for those intending to enter the course in Architecture, who are unable to obtain the requisite instruction in Drawing from Ornament and in Architectural Drafting in the Gymnasia of the University or in other preparatory schools, a preparatory year has been arranged, a synopsis of which follows. SUGGESTION; if the last term of the preparatory year be devoted entirely to the Drawing from Ornament and to Architectural Drafting at the University, that will be found sufficient. In that case the mathematics of the preparatory year would need to be taken before coming, as the entire time would be necessary for the preparation in Drawing and Drafting:—

FALL TERM. Architectural Drafting; Drawing from Ornament; Algebra (4); English (2); French or German (3). WINTER TERM. Architectural Drafting; Drawing from Ornament; Algebra (4); English (2); French or German (3); Shades and Shadows (3). SPRING TERM. Architectural Drafting; Drawing from Ornament; Geometry (4); English (2); Ancient History (2); French or German (2).

Architectural Design.

Under this head, is included all that constitutes the draftsman and designer's art. The student is taught the theory, the practice and the art of planning. He is taught composition of plan and elevation, and also design. At the same time, he is shown how to draw, or to express his compositions or designs. He is supposed to understand elementary drawing on entering the course, but from the time of entering to graduation he is trained in drafting and rendering. He becomes familiar with the accurate casting of shadows, with the use of color and the brush. The training is intended to make of each student an architect and a draftsman, but the greatest stress is laid upon his being an architect. For this reason, the fundamental and general principles are carefully taught. The student must create an idea, before he can draw it. In the creation and development of that idea, he receives careful training until the idea is fully expanded and developed. Then he is shown how to draw it so as to express it truthfully.

The work of the year includes six problems, two in each term. The work is done entirely from program and is judged or examined every six weeks. The successful passing of four out of the six is required for satisfactorily completing the year's work.

In the senior year, each problem is carried a step further and the working drawings are made, thus showing the complete process of a building in actual practice.

The practical application of all principles and problems of construction are made familiar to each student. The drafting room is practically a large office in which several pieces of work are being prepared for execution. The specifications, the contracts and the entire routine are made plain and apparent.

Drawing of Ornament.

Drawing of Ornament, from models, Cast Drawing and Drawing from Life are taught as indispensable accompaniments of an architectural course. Too much stress cannot be laid upon their importance, as guiding and training the eye, mind and hand in the observation and reproduction of nature in form and color. A large collection of casts has been made for thorough instruction and training in this branch and the work is continued throughout the entire course. In connection with this, there is given a course in the History of Ornaments, analytically and chronologically considered. A departmental library

forms the basis for this work. In the senior year the student is required to make a drawing, reproducing some noted architectural work in past years.

History of Architecture.

A complete and analytic treatment of the History of Architecture is an essential feature of the course. It consists of recitations and lectures and ample illustration from books and photographs.

Department Library.

As a nucleus of a Department Library the following works are mentioned:

21 years of the Croquis d' Architecture.
Chambers' Classical Orders.
Le Normand's Parallele des Ordres de Grec et Romain.
Owen Jones' Grammar of Ornament.
Laurey's Klassische Baukunst.
Revoils' Architecture Romance.

and many others which are at the service of each student. In addition, the general reference library of the University is convenient.

Trusses and Roofs.

This subject is treated both analytically and graphically. Merriman and Jacoby's Roofs and Bridges is used as a text book. In addition to the work in the text book, suitable and practical problems from other sources are given for solution. The student is thus prepared to solve the problems occurring in the ordinary office practice.

Strength of Materials.

Merriman's Mechanics of Materials is used as a text book on this subject. The student is not only given a practical knowledge of the subject, but he is made familiar with the methods employed in developing the formulæ and in making the tables used in computing the strength of the materials used in any construction. He is thus enabled to use the formulæ and tables in a an intelligent manner, and is also given a foundation upon which to base further theoretical studies.

Descriptive Geometry.

Church's Descriptive Geometry is used as a text book. A large number of drawings are required to be made illustrating the sub-

jects of Penetrations, Intersections and Development of Surfaces, in addition to the drawings necessary in the studies of the text book.

A thorough knowledge is given of Linear Perspective, in its application both to mechanical and to free-hand drawing. Particular attention is given to methods to be employed in making free-hand sketches of completed buildings.

Shades and Shadows.

The subject of Architectural Shades and Shadows is thoroughly taught. The methods employed for casting shadows are those most approved by the use of which the work may be done most expeditiously and accurately. Particular attention is given to the shadows of the elemental forms of architectural constructions.

Stereotomy.

As a valuable aid to the draftsman's knowledge of representing constructions by means of drawings, careful attention is given to the subject of Stereotomy. Difficult constructions in wood, stone and iron are thoroughly considered.

Office Practice.

In the junior year, the principles of heating and ventilation, sanitary science and electricity as applied to buildings are taught in connection with the drafting work. The aim is to familiarize the student with general principles and thus to qualify him for meeting the special cases of actual practice.

It is suggested and recommended that the student spend two months of each of the vacations between the sophomore and junior, and the junior and senior years in an architect's office.

Graduation Problem.

The last term of the senior year is devoted entirely to the production of a single piece of work, upon the success of which depends the student's graduation. This problem must possess not only architectural merit, but must be artistically drawn and rendered, and the working or constructional drawings and details must be made. It must be accompanied by outline specifications in all branches of work entering into its construction.

Department of Painting.

For Admission.

Candidates for admission to the regular course in painting are required to show by examinations or by certificates from preparatory institutions of recognized standing, that they have studied with satisfactory proficiency the following subjects, viz: English Grammar, Geography, Arithmetic, American History, Physics (J. Dorman Steele's work or its equivalent), and Drawing equivalent to at least two years of thorough, systematic study and exercise, or sufficient to be able to represent intelligently a simple cast of a hand, a foot or a mask.

Preparatory Class.

In their local preparatory schools some students are unable to get satisfactory and adequate instruction in drawing to meet the above requirements. To supply the need of such, a preparatory class is provided in which the study and practice tend directly to fit them to enter successfully upon the work of the freshman year.

Cast Drawing.

As forming a foundation for painting, and as giving the only basis for accuracy in observing nature and art, the instruction given in cast drawing is most thorough. Beginning with drawing from the head, more difficult subjects follow in systematic order, leading naturally to drawing from the living model.

Linear Perspective.

Linear Perspective is taught theoretically and practically during the first year. The student is not given a mere set of rules which if followed will produce certain results; but he is taught thoroughly to understand the theory of scientific perspective, and to understand and give a reason for the existence of every line drawn. This scientific knowledge is later applied to freehand drawing. Applications are made and methods employed which enable the student to make sketches and free hand drawing more accurately and rapidly than is possible without their use. The subject of the Perspective of Shades and Shadows and Reflections is also thoroughly studied.

OIL PAINTING.

As by far the larger portion of modern painters devote themselves chiefly to painting in oil, much more time is appropriated to instruction in oil painting than in water color painting. With such students as may prefer it, however, an equivalent time may be substituted in whole or in part, to study in water colors instead of oil colors. Instruction is given in the use of colors, the principles of technical execution and the laws of composition; at the same time students are free to develop originality and individuality of style, and to decide whether to devote themselves to any particular branch of painting, or to divide their time among several branches.

MODELING.

Instruction is given in all the processes of modeling in clay, and making molds and casts in plaster. Prominence is given to modeling as a most important means of cultivating a feeling for solid form. To some extent this may be substituted for freehand drawing in both courses.

ETCHING.

As a means of rapidly multiplying the original designs of the artist, no process is more delicate and forcible than etching. The manipulations of this form of engraving are taught both theoretically and practically. Students are also taught to print etching, with an excellent press.

EXAMINATIONS.

In the painting course examinations are held at the end of each term by the Dean of the College and the Faculties of the painting and architectural departments. The entire work of each student for the term is subjected to these examinations.

GRADUATING PIECES.

Every candidate for graduation from the course in painting is required to leave in the college an original painting. This is added to the collection and permanent exhibit of the work of graduates.

Department of Music.

This course of study includes systematic and progressive instruction in the theory, history and practice of music, and is arranged with a view to enable the student to become an accomplished musician.

The piano is adopted as the basis of study, and will be required of every regular student, at least during the freshman year.

Students desiring to make a specialty of the violin, or other solo instruments, except the organ, may discontinue the piano after the freshman year.

Students making a speciality of the organ or the voice may discontinue the piano after the sophomore year.

The study of vocal music for one year will be required of all who propose to graduate in the course in music.

Various accessory branches of study are introduced, which have a more or less intimate connection with the art of music, and which also have a relation to general liberal culture. These are physics, elocution, rhetoric, English literature; the French, German and Italian languages; ancient, medieval and modern history; the science of esthetics and the general history of the Fine Arts. The same latitude for substitution for these accessory studies, is permitted as in other courses.

The study of musical theory is required of all regular students during the entire course.

For Admission.

Before admission to the regular course in music, candidates are required to show by examinations or adequate certificates that they have pursued the following studies with satisfactory proficiency, viz: English grammar, geography, arithmetic, physics (J. Dorman Steele's work or its equivalent), American history; and music sufficient to represent the progress usually made in three full years of thorough systematic study and practice.

Special Studies.

Those not wishing to take the full course, nor intending to graduate, can select such branches of study as may suit their taste and convenience, with as many lessons per week as desired. These are subjected to no examinations, such grade of work being taken as the stu-

dent is fitted for. In such cases the tuition is determined by the studies and the number of lessons taken.

THE PIANO.

Lessons on the piano are given in small classes with such other helps as are deemed necessary to secure the best progress of the student. This course is divided into Preparatory and Collegiate.

1. PREPARATORY DEPARTMENT.—This department is intended for students beginning piano, and for those who are not sufficiently advanced to enter the collegiate classes.

First Year. The first few weeks are devoted to the formation of a correct touch by means of technical exercises, after which Lebert & Stark's Method, first part, Koehler's Practical Piano School, or Mathews' Graded Studies, Book I., is used. Also studies by Loeschhorn, Bertini, and occasionally Sonatinas by Clementi, Krause and others are given.

Second Year. Lebert & Stark, Books I. and II.; Mathews' Graded Studies, Books II. and III.; Herz' Scales and Chords; Lemoine op. 37, Book II.; Loeschhorn; Duvernoy op. 120; Burgmueller op. 100; Koehler's Progressive Studies and easy pieces by Gurlitt, Lichner, Kuhlau and others.

Third Year. Lebert & Stark, Book II.; Mathews' Graded Studies, Books III. and IV.; Heller op. 47; Czerny School of Velocity, Book I.; Bertini op. 29; Loeschhorn's Progressive Studies; Sonatinas by Clementi, Kuhlau and others, easy Sonatas by Haydn and Dussek.

2. COLLEGIATE COURSE.—To enter this course students who have prepared elsewhere are required to show a knowledge of the simple scales and arpeggios, also to perform a composition of their own selection and to read an easy Sonatina at sight.

Freshman Year.—Lebert & Stark, Book III.; Mathews' Graded Studies, Books IV. V. VI.; Heller, op. 45 and 46; Krause's Trill Studies; Bertini op. 32; Bach Inventions (two voiced); Czerny School of Velocity, Books II. and III.; Czerny op. 740, Book I.; Mason's Touch and Technic; Sonatas by Mozart, Clementi and Beethoven; Mendelssohn's Songs without Words and compositions from the works of other masters suitable to this grade.

Sophomore Year.—Bach Inventions (three voiced); Czerny's Staccato and Legato Studies, op. 335; Czerny op. 740; Cramer Studies; Clementi Gradus ad Parnassum; Mathews Graded Studies, Books VI. and VII.;

Mason's Touch and Technic; Sonatas by Mozart and Beethoven; Concertos by Mozart; Chopin's Mazurkas, Nocturnes, Waltzes, together with works of Raff, Rheinberger, Bendel, Gade, Scharwenka, Moszkowski and other modern composers.

Junior Year. Bach's Well Tempered Clavichord; Clementi's Gradus ad Parnassum; Moscheles op. 70; Kullak and Loeschhorn Octave Studies; the more difficult Sonatas of Beethoven; the larger compositions of Chopin and Mendelssohn; Concertos by Mozart, Hummel; Selections from Weber, Schumann, Schubert, Dupont, Bennett and others.

Senior Year. Chopin, Etudes; Bach, Well Tempered Clavichord; Tausig, daily studies; Henselt, Etudes, Concertos and concerted pieces by Beethoven, Mendelssohn, Chopin, Rubinstein, Saint Saens and Henselt; also works of Grieg, Brahms, Liszt Tschaikowski, etc. Students of this grade have the opportunity of taking part in ensemble playing.

The Virgil Practice Clavier is used as an accessory to the study of the piano. Instruments and practice rooms are provided for the use of students and a course of special instruction is given in the principles of correct foundational methods of practice.

The Violin.

For beginners the 1st part of the Violin Schools, by either Louis Schubert, Carl Henning, Edm. Singer or Hermann is used, and when necessary there are introduced easy arrangements of melodious pieces for violin with piano accompaniment, such as Melodien Sammlung by H. Urban, etc., selections from easy duets for two violins by Pleyel, Gebauer or Nazas. To be followed by part II. of Henning's Violin School, Baillot's Scales in two Octaves; Etudes by Ferd. David, op 45 or 1st part of Gradus ad Parnassum, by Jacques Dont; and by easy solos by Alard, Hermann, de Beriot and others. Compositions for violin and piano are introduced as soon as practical. Selections from the following are made according to the ability of the student: Dussek's Sonatas for piano with added violin part; Sonatas for piano and violin by F. Schubert, Hauptmann, Haydn and Mozart; Beethoven's Serenade op. 8, arranged for piano and violin, etc. Later, Part III. of Henning's Violin School; Scales in three Octaves, by Hullweck, Part I. of his 25 Studies for the Violin; Schradieck's Violin Technic and Tonleiterstudien; the studies of Kreutzer, Fiorillo, Rovelli and Rode; Concertos by Viotti or Rode; Solos by David, Alard, de Beriot; Duettos by Viotti or Spohr. Lastly the 24 Etudes by Gavinie, Alard's 10 Etudes Artisti-

ques op. 19 and Abel's adaptation for the violin of Cramer's famous Piano Studies; Concertos by Mendelssohn, Beethoven, Spohr, Molique and Max Bruch; Sonatas for Violin by Bach; Solos by Vieuxtemps, Ernst, Wieniawski, Sarasate and other modern composers,

The Organ.

As the most practical method of preparing for and supplementing the study of the organ, the student will devote the freshman and sophomore years to the study of the piano.

Ritter's Art of Organ Playing will be used, together with Schneider's Pedal Studies, the Fugues of Bach, Sonatas of Mendelssohn, Merkel, Rheinberger, Guilmant and other standard compositions of the German, French and English Schools.

The University has two pipe organs, which are employed for instruction and practice. The one in the large hall of the John Crouse Memorial building, built by Frank Roosevelt, is perhaps unsurpassed in perfection and completeness by any organ in America. The two manual instrument in the University chapel, built by Johnson & Son, though smaller and of less range, is of most excellent quality.

Several pianos with pedal attachments are also provided for the use of organ students. The rates for organ practice are as follows: Crouse College organ, 30 cents per hour; University chapel organ, 25 cents per hour; pedal pianos, 10 cents per hour.

Cultivation of the Voice.

In this department great care has been exercised in selecting a method of voice training which promises the best possible results. The methods in use, both in this country and in Europe, have been investigated and that one adopted which has produced many of the greatest artists of this generation, and which is held in the greatest favor by competent authorities.

The Italian method is used throughout, with superior results and favor. In addition to English ballads and church music, the student is trained in Italian, German and French songs and selections from oratorios and operas.

Chorus Singing.

Classes for the study of sight reading and advanced chorus singing meet once a week. Any student of the University, with proper qualifications, may join these classes. Compositions of sacred and secular character are carefully practiced.

THEORY OF MUSIC.

The theory of music embracing Harmony, Counterpoint, and the smaller and larger Musical Forms, is taught in classes.

Goetschius' Materials of Musical Composition is used. The course of study is theoretical, practical, and analytical. Abundant illustrations and explanations upon the piano and at the blackboard are given.

HISTORY OF MUSIC.

Lectures are given upon the history of music during the sophomore year, supplemented by frequent lectures upon musical topics, of which the student will be required to make digests.

ORCHESTRAL PRACTICE.

Opportunity for ensemble practice is given once a week, to all violin students above the Gymnasial grade, when trios, quartettes and orchestral compositions of the masters will be carefully rehearsed under the guidance of the teacher. Piano and organ students who are qualified are frequently called upon to take part.

ENSEMBLE.

In this department, Sonatas for piano and violin by Bach, Beethoven, Mozart, Hayden, Schubert, Grieg, Rubinstein and others are used; also many classical compositions of different forms.

RECITALS.

All students of music are required to be present at the weekly recitals, at which each student may be called upon to perform at least once each term. Critical remarks are made by the Professors upon the merits of the pieces rendered, and their relations to other works by the same or other authors.

Public recitals are given once each month in the Crouse College Hall, at which advanced students have opportunity for public performance.

PROFESSIONAL CONCERTS.

Piano forte and organ recitals and other professional concerts are frequently given by members of the Faculty, and other artists, to which all the students have free admission.

ANNUAL SOIREE.

A Musical Soiree is given at the close of each year by the graduating class and other students of special distinction. At this time the students have the assistance of an orchestra composed of members of the orchestral class. This occasion is usually one of the most brilliant of the Commencement season.

Department of Belles Lettres.

The Course in Belles Lettres offers a suitable and attractive range of subjects to students of elegant and polite learning, to those specializing in English Literature and the literature of the modern languages, as also to those wishing by culture in letters, science and criticism to prepare for journalism, teaching or like fields of intellectual labor.

Conditions of Admission.

Written examinations will be made in the following studies:

1. In *English*, each candidate will be required to write a short essay on a subject announced at the time. It is expected this essay will show a general familiarity with the works mentioned below, and it will be examined with especial attention to accuracy of grammar, spelling, punctuation, division into paragraphs and expression.

In 1895, they will be taken from the following:—Shakespeare's Merchant of Venice and Twelfth Night, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, the Sir Roger de Coverly Papers in the Spectator, Macaulay's Essay on Milton and Essay on Addison, Webster's first Bunker Hill Oration, Irving's Sketch Book, Scott's Abbot.

In 1896, they will be taken from the following:—Shakespeare's Merchant of Venice and Midsummer Night's Dream, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas, Longfellow's Evangeline, Macaulay's Essay on Milton, Webster's first Bunker Hill Oration, De Foe's History of the Plague in London, Irving's Tales of a Traveller, Scott's Woodstock, George Eliot's Silas Marner. All the books named for a given year are to be read by each candidate.

Candidates will be required to criticise specimens of English given them at the time, and will be expected to evince a practical knowledge of rhetoric. They will need entire familiarity with Parts I. and II. of Clark's Practical Rhetoric, or its equivalent.

2. In *Geography*, Ancient and Modern, Political and Elements of Physical.

3. In *History*, Montgomery's Leading Facts of American History or its equivalent: Greek and Roman history as in Myers' Ancient History or its equivalent.

4. In *Physiology*, Martin's "The Human Body" (briefer course) or its equivalent.

5. In *Physics*, J. Dorman Steele's work or its equivalent.

6. In *Mathematics*, Arithmetic entire, including the metric system; Algebra through quadratic equations, including the calculus of radicals and imaginaries, as treated in Wentworth's Complete Algebra; Plane Geometry, the first five books of Wentworth's Plane and Solid Geometry or their equivalent.

7. In addition to the foregoing, preparation will be required on *two* of the following five subjects:—

(1) In *French*, the Grammar as in Part I. of Bocher's Otto, or Whitney, or an equivalent, and the translation of ten books of Fenelon's Telemaque or an equivalent. (2) In *German*, the principles of the Grammar and construction for translation English into German; the translation of 100 pages of Grimm's or Anderson's Maerchen or an equivalent, and one of Schiller's or Lessing's plays. (3) In *Latin*, the Grammar and four books of Cæsar's Gallic War, or an equivalent. (4) In *Greek*, Goodwin's Grammar, three books of the Anabasis, and three books of the Iliad, or equivalent. (5) In *Mathematics*, Advanced Algebra and Solid Geometry.

ELECTIVES.

Any student may elect French for four years of consecutive study instead of the German placed in the schedule of the course, and will then limit German to two years in the place of French as scheduled. Greek or Latin may be substituted for the above four years of German, and in that case from the Italian, French and German languages either two may be elected, to each of which two years' study must be devoted according to the schedule. This course affords a rare advantage to students wishing, along with their literary work, to cultivate taste and practical skill in music or painting. They may elect a measure of study in either of these departments and prosecute it through the entire four years. Thus they may attain a high degree of culture and skill in a limited line in the selected art without consecrating to that department all their time and strength.

ESTHETICS AND ART CRITICISM.

The subjects of Esthetics and of Art Criticism are thoroughly studied. Their principles are under discussion and illustration almost constantly

throughout the course. This and daily contact with the art work and studies progressing in the College serve to stimulate and quicken the student's artistic sense, strongly contribute to form the person of taste, and furnish the fundamentals for the sound and judicious critic.

ENGLISH LITERATURE.

This course embraces the study of English literature from its beginnings to the present, together with so much of the history of the English people and language as is necessary to an intelligent comprehension of the literature. The writings of the best authors of the several periods are examined and characterized in the classes, and the genesis and growth of the various forms of literature carefully considered.

MODERN LANGUAGES.

The study of the German, French and Italian languages, as the means of thought-transference of great nations still at the height of their intellectual life and culture, is prosecuted thoroughly under excellent conditions. Reading, composition and conversation are primarily cultivated, while all available means are also used to insure a scientific knowledge of the languages. The ear, the tongue and the eye are all engaged in receptive, constructive and expressional activities. The best writers of our own time as well as the Classics are read, discussed and critically considered.

College of Medicine.

Faculty of the College of Medicine.

REV. JAMES R. DAY, S. T. D.,
CHANCELLOR.

HENRY D. DIDAMA, M. D., LL. D., DEAN,
Emeritus Professor of Science and Art of Medicine and Clinical Medicine.

WM. T. PLANT, M. D.,
Professor of Pediatrics.

ALFRED MERCER, M. D.,
Professor of State Medicine.

WM. MANLIUS SMITH. M. D.,
Professor of Chemistry.

JOHN VAN DUYN, M. D.,
Professor of Surgery.

GAYLORD P. CLARK, M. D.,
Professor of Physiology.

WM. H. DUNLAP, M. D.,
Professor of Dermatology.

JOHN L. HEFFRON, M. D.,
Professor of Materia Medica and Therapeutics,

HENRY B. ALLEN, M. D.,
Professor of Obstetrics.

A. CLIFFORD MERCER, M. D., TREASURER,
Professor of Clinical Pediatrics.

HENRY L. ELSNER, M. D.,
Professor of Science and Art of Medicine and Clinical Medicine.

DAVID M. TOTMAN, M. D., REGISTRAR,
Professor of Clinical Surgery.

FRANK W. MARLOW, M. D., LIBRARIAN,
Professor of Ophthalmology.

NATHAN JACOBSON, M. D.,
Professor of Clinical Surgery.

AARON B. MILLER, M. D.,
Professor of Gynœcology.

SCOTT OWEN, M. D.,
Professor of Anatomy.

J. C. CARSON, M. D.,
Lecturer on Mental Diseases.

REUBEN C. HANCHETT, M. D.,
Lecturer on Materia Medica.

FRED W. SEARS, M. D., CURATOR,
Lecturer on Histology and Clinical Obstetrics.

FRANK B. BROOKS, M. D.,
Lecturer on Physiology.

GEORGE M. PRICE, M. D.,
Lecturer on Anatomy.

WM. H. MAY, M. D.
Lecturer on Pathology and Bacteriology.

WILLIAM S. ANDREWS, A. M.,
Lecturer on Legal Medicine.

THOMAS H. HALSTEAD, M. D.,
Instructor in Laryngology and Otology.

I. HARRIS LEVY, M. D.,
Instructor in Histology.

CHARLES A. COVELL, M. D.,
Instructor in Chemistry.

J. HENRY DRUM, M. D.,
Demonstrator of Anatomy.

HIRAM B. HAWLEY, M. D.,
Demonstrator of Anatomy.

BUILDINGS, LIBRARIES, ETC.

The Medical College occupies three brick buildings, eligibly located on Orange street, near the center of the city and convenient to the Hospital and Dispensary. Two of these contain the various lecture rooms, the histological and pathological laboratories, library, museums, etc. The amphitheater is well lighted and heated, and furnished with all necessary appliances for properly presenting the various subjects of lectures and demonstrations. All the lecture and recitation rooms have additional apartments connected with them, in which special dissections are made and the various preparations arranged for use in the classes.

In the rear of these two buildings is a third, containing the chemical laboratory and dissecting room, both of which are well lighted and ventilated, and so arranged as to afford every advantage to the student for practical work in these departments.

The laboratories for Physiology, Histology, Pathology and Bacteriology have been recently refitted and are well furnished with all necessary apparatus and instruments. Among these is the magnificient collection of Mannikins purchased by the late Professor John M. Wieting and presented to the college. Other changes for the betterment of the work in general will be made as they are from time to time found necessary.

The Library of the Geneva College of Medicine, with the additions which have since been made to it, is at the service of students. This, with the Von Ranke library, the general library of the University, and the public library of Syracuse, affords ample scope for reading and reference in the allied sciences.

COURSE OF INSTRUCTION.

The course of instruction extends over a period of three years, and consists of lectures, recitations, practical work in the laboratories and dissecting rooms, together with clinical exercises, etc. The division of the work is as follows:

FIRST YEAR: Anatomy, Physiology, Chemistry, Histology, Materia Medica and Applied Anatomy.

SECOND YEAR: Anatomy, Physiology, Medical Chemistry, Therapeutics, Surgery, Practice and Clinics.

THIRD YEAR: Therapeutics, Practice, Surgery, Obstetrics, Pediatrics, Pathology, Gynæcology, Forensic and State Medicine, Ophthalmology, Dermatology and Clinics.

All first year students receive practical instruction in Chemistry, through a course of Laboratory work extending through both terms. Students of the second year take a shorter course in purely Medical Chemistry.

Laboratories have also been established for practical work in Histology and Comparative and Human Anatomy.

TREATMENT OF SUBJECTS.

ANATOMY.—This branch is taught didactically and by practical exercises. The lectures are illustrated by specimens from the museum and fresh preparations made expressly for the class, thus drilling the mind and eye of the student. The quizzes which supplement and fix the work of the class-room are reinforced by work in dissection. The first two years are devoted to this subject, and during this period not only are bones, muscles, vascular and nervous systems studied, but regional anatomy is taken up.

The dissecting room is accessible to students at all times, and is supplied with ample convenience of heat, light, running water, etc.

Since the passage of the law requiring all unclaimed bodies to be delivered to medical institutions, we have been able to secure an abundance of anatomical material.

PHYSIOLOGY.—This branch is taught by recitations and lectures illustrated by charts, microscopical and anatomical preparations and frequent demonstrations on lower animals. The first year is devoted to nutrition and allied subjects, the second year to the nervous system, the special senses and reproduction.

CHEMISTRY.—The chemical course is eminently practical and a large portion of the student's time during the first year is devoted to Laboratory work. The instruction includes the general principles of the subject, special stress, however, being laid upon physiological chemistry. The resources of the laboratory are such that the student can make himself thoroughly familiar with all the methods of chemical manipulation by personal experiment. Medical chemistry and toxicology are taken up in the second year, and the subject of urinary analysis and detection of poisons thoroughly treated.

SCIENCE AND ART OF MEDICINE.—Each week five didactic or clinical lectures are given, and in accordance with the practice in every other department, an entire hour is devoted to a careful oral or written examination.

Abundant clinical material is furnished by the Hospitals and Free Dispensary of the city where senior students make differential diagnoses and prescriptions in the presence of the class and under the supervision of the professors.

SURGERY.—The instruction in this department is very largely clinical; though theory is by no means neglected. The manufacturing interests of Syracuse and the numerous railroads centering here open a large field for surgical work, and enable the student to see, and assist in, all forms of operations. Minor surgery also receives due attention; and the application of bandages, and various forms of surgical dressings are practically illustrated. St. Joseph's Hospital has an operating room second to none in the state. It is well lighted; its seats are commodious and so arranged that no student has any difficulty in witnessing each step of an operation. It is the practice of the faculty to request members of the graduating class to assist in surgical operations.

MATERIA MEDICA AND THERAPEUTICS are taught by lectures and recitations, which are illustrated by the various plants and medicinal substances of the Pharmacopæia provided by the museum.

Tharapeutics is not only theoretically taught from the standpoint of the physiological action of drugs, but as far as possible the student is afforded an opportunity of observing the action of the various remedies in the clinics of the Hospital and Dispensary.

HISTOLOGY.—The Histological Laboratory is equipped with all the apparatus for a thorough course on this subject. The instruction is given in the laboratory. It consists of lectures on and demonstrations of the construction and uses of the microscope; instruction as to the best methods of preparing tissues for microscopical study, and how to stain and permanently mount specimens and section cuttings. These lectures are illustrated by plates, charts and sections, which are mounted during the lecture. These sections are demonstrated to each student individually by the instructor.

PATHOLOGY is taught by recitations and laboratory work. The pathological museum formerly in the Geneva College of Medicine, has been transferred to the medical department of the Syracuse University, which, with the additions that are from time to time being made serves as an important means of instruction.

BACTERIOLOGY.—A special laboratory supplied with a full variety of cultures, breeding pens for small animals, microscopes with immersion

objectives and substage condensers, sterilizing apparatus, etc., individual working tables, and everything necessary for the practical study of bacteriology, enables each student to become familiar with bacteriological methods, and to take away with him typical preparations of many bacterial forms as the result of his own personal work. While the college supplies the laboratories with a sufficient number of microscopes, the number is not so great as to permit each student to have the exclusive use of an instrument. The teachers in practical bacteriology, pathology and histology, therefore, strongly recommend every student if possible, to provide himself with a good microscope at the beginning of his college work.

OPHTHALMOLOGY AND OTOLOGY.—The course of instruction in Ophthalmology and Otology consists of didactic and clinical lectures and recitations, occupying one hour or more weekly during the whole medical year. Members of the class are required to examine and diagnose the cases.

Special attention is directed to those classes of cases which are more likely to come under the care of the general practitioner, and which can be efficiently treated by him.

LARYNGOLOGY AND DERMATOLOGY.—Clinical instruction in diseases of the throat and nose is included in the regular course of study. Each student is thoroughly drilled in the use of the Laryngoscope, and abundant material is furnished the class for examination and treatment.

There are two exercises weekly during the year, for the third class in diseases of the skin, combining clinical and theoretical instruction. Particular stress is laid upon diagnosis and treatment in the clinics.

CLINICAL INSTRUCTION.—The facilities for clinical study here afforded are unsurpassed except by the great centers of the country. St. Joseph's hospital containing one hundred and three beds, and the house of the Good Shepherd with forty-five beds, constantly furnish abundant material for the medical and surgical clinics. At these hospitals the student can see most of the major and all of the minor surgical operations performed according to the most approved methods. The medical cases are carefully described and explained in the wards, and an opportunity is given to all members of the class to examine and study them personally.

The Hospital for Women and Children and the Onondaga County Orphan Asylum also give students opportunities for studying diseases of women and children.

In following the graded system, students of the first year, who know nothing as yet of practice and surgery are not expected to attend clinics; by so much the opportunities of advanced students who do attend are improved.

Each year one of the graduates is selected as house-physician to St. Joseph's Hospital.

TEXT BOOKS.	COLLATERAL READING.
ANATOMY.—Quain	Gray, Weisse, Holden.
PHYSIOLOGY.—Foster, Kirke, Martin, Waller, Yeo	Landois & Stirling, Halliburton, Chemical Physiology.
	McGregor-Robertson, Physiological Physics.
CHEMISTRY.—Attfield, Tyson	Richter, Fownes.
PRINCIPLES AND PRACTICE.—Flint	Bartholow, Loomis, Strumpell, Pepper's American Text book, Osler.
SURGERY.—Holmes	International Encyclopedia of Surgery.
MATERIA MEDICA AND THER—H. C. Wood	Brunton, Ringer, Bartholow, Hare, Playfair, Galabin.
OBSTETRICS.—Lusk	American System of Gynæcology. Skene
GYNÆCOLOGY.—Thomas	Meigs & Pepper, Goodhart, Money.
DISEASES OF CHILDREN.—J. Lewis Smith	Klein & Smith, Atlas of Histology.
HISTOLOGY.—Thomas E. Satterthwaite.	Ziegler, Cornil & Ranvier, Wagner.
PATHOLOGY—Green	Parkes, Buck, Richardson Preventive Medicine.
HYGIENE.—George H. Rohe	Schmidt-Rumpler, Noyes.
OPHTHALMOLOGY.—Nettleship	Politzer.
OTOLOGY.—Roosa	Fox, Bulkley, Kaposi.
DERMATOLOGY.—Duhring	Da Costa.
MEDICAL DIAGNOSIS	Quain, Foster, Gould, Billings.
DICTIONARIES	

THE COLLEGE YEAR.

begins on the first Tuesday in October and ends on the first Tuesday in June. It is divided into two terms about equal in length.

There are two vacations, one of a little more than one week at the Holiday season, the other extending from the second Friday in March to the second Tuesday following.

CONDITIONS OF ADMISSION.

The law recently passed by the Legislature in regard to the preliminary education of medical students has obviated the necessity for any examination by the Faculty in the common English branches and Physics.

A copy of the State law with the equivalents and qualifications accepted by the Regents in lieu of examination, together with other import-

ant facts, may be obtained upon application to the Registrar of the College of Medicine.

Those intending to begin the study of medicine are advised to apply to the Examinations department of the University of the State of New York at Albany, for full information concerning this examination.

In addition to the state examination all students who enter the College of Medicine with the intention of taking the degree of M. D., will be examined in the following subjects:

(*a.*) *Algebra: Through Simple Equations*, as treated in Wentworth's complete algebra, or its equivalent.

(*b.*) *Geometry:* First book of Wentworth's Elements of Geometry, or its equivalent.

(*c.*) *Latin:* The translation of a passage selected from one of the first four books of Cæsar's Commentaries and questions relating to the grammar of the passage. An equivalent from another Latin author may be substituted if desired.

Graduates of recognized Colleges, Scientific Schools, Academies or like institutions, or those who are able to present certificates from such institutions, certifying to their proficiency in the preliminary studies in sections *a*, *b* and *c*, will not be examined in these studies. Regent's certificates are accepted for the studies which they cover. No candidates are admitted who fail to pass all the requirements for entrance. The entrance examinations are held at the College on the first Tuesday in October, at 2 o'clock P. M.

EXAMINATIONS.

Students are divided into three classes, according to their proficiency and time of study. The particular class to which a student belongs is determined by examination. At the close of each year, in June, examinations occur in all the studies of the year. The result, with the average standing for the year, determines whether the student shall advance to the next year. The first year examinations in Histology, Materia Medica and General Chemistry, and the second year examinations in Anatomy, Physiology and Medical Chemistry are final if successful. Special examinations, when ordered by the faculty, may be held at any time to determine the standing of students who enter after the beginning of either term, but private examinations for promotions to higher grades are not permitted.

The above examinations are in writing, and the student is expected to attain a certain standard of proficiency.

Students who have already pursued the study of Medicine to some extent, may be examined and promoted to such advanced standing as their acquirements warrant.

The above rules apply only to those who intend to take a full course in medicine and to offer themselves for the degree at this College.

Students from other departments of the University, or elsewhere, who may desire to receive instruction in one or more branches, and all who do not intend to offer themselves for graduation here will be received at any time to pursue such studies as they may select.

REQUIREMENTS FOR GRADUATION.

To receive the degree of Doctor of Medicine the student must have attained his majority; he must be of good reputation; at least the last of three full years of medical study must have been spent here; and he must pass the regular examinations of the first, second and third years.

Official certificates of proficiency from schools with courses similar in plan and equal in extent with this, will be accepted in lieu of examination upon the first and second years.

SCHOLARSHIPS.

For $500 paid in advance, any person may obtain a certificate of scholarship that will entitle the holder to keep a student in the College for ten years from the date of said certificate. For $1,000 paid in advance, a certificate may be obtained that will entitle the holder to keep a student in the College perpetually.

For further information address the registrar, David M. Totman, M. D., 303 Montgomery St., Syracuse, N. Y.

The College of Law.

The College of Law in Syracuse University will be opened for students September 23rd, 1895.

The course in this College will occupy two years, with two terms in each year. The first term will begin at the same time as the first term in the College of Liberal Arts (which will be September 23rd) for the next college year, and close January 30, 1896. The second term will begin on the third day of February, 1896, and close on the 28th day of May.

The tuition will be $100 per year, payable $50 at the opening of each term, in advance, with $5 per year added, to be paid at the beginning of the second term.

ADMISSION. (1). Graduates of a Literary College or University may be admitted without examination upon exhibiting their diplomas.

(2). Persons who have been regularly admitted to the bar in any state may be admitted to either class without examination.

(3). All other applicants for admission must pass an examination upon subjects prescribed in the Rules of the Court of Appeals,* except that a certificate of the Board of Regents of the State of New York may be accepted in lieu of such examination.

(4). Any person of good moral character over eighteen years of age may be admitted to this college, but no student can be entitled to an examination for a degree unless he has complied with the requirements for admission above prescribed.

DEGREES. The degree of Bachelor of Laws may be conferred upon any student of this College who has complied with the requirements for admission, who has pursued a full two years course of the study of the law, the last year of which course shall have been pursued at this College, and who shall pass the examination prescribed for such degree.

The examination for admission will be held at 10 o'clock in the forenoon, on the first day of each term.

* RULES OF THE COURT OF APPEALS FOR ADMISSION OF ATTORNEYS, - RULE V. PARAGRAPH 3.

Applicants who are not graduates or members of the bar as above prescribed, shall, before entering upon the clerkship or attendance at a law school herein pre-

scribed, or within one year thereafter, have passed an examination conducted under the authority and in accordance with the ordinances and rules of the University of the State of New York, in English composition, advanced English, first year Latin, arithmetic, algebra, geometry, United States and English history, civics and economics, or in their substantial equivalents as defined by the rules of the University, and shall have filed a certificate of such fact signed by the secretary of the University with the Clerk of the Court of Appeals, whose duty it shall be to return to the person named therein a certified copy of the same showing the date of such filing. The regents may accept as the equivalent of and substitute for the examination in this rule prescribed either, first, a certificate properly authenticated, of having successfully completed a full year's course of study in any college or university; second, a certificate properly authenticated, of having satisfactorily completed a three year's course of study in any institution registered by the regents as maintaining a satisfactory academic standard; or, third, a regents' diploma.

Attendance on a law school during a school year of not less than eight months in any year, shall be deemed a year's attendance under this rule; and in computing the period of clerkship a vacation actually taken, not exceeding two months in each year shall be allowed as part of such year.

It shall be the duty of attorneys, with whom a clerkship shall be commenced, to file a certificate of the same in the office of the Clerk of the Court of Appeals, which certificate shall in each case state the date of the beginning of the period of clerkship, but which shall be deemed to commence at the time of such filing, and shall be computed by the calendar year. The same period of time shall not be duplicated for different purposes, except that a student attending a law school as herein provided, and who, during the vacations of such school, not exceeding three months in any one year, shall pursue his studies in the office of a practicing attorney, shall be allowed to count the time so occupied during such vacation or vacations as part of the clerkship in a law office specified in these rules.

Degrees Conferred by the University

IN 1894.

Doctor of Laws.

Rev. George B. Spalding, D. D., - - - - - Syracuse.

Doctor of the Humanities of Learning.

Rt. Rev. Bishop Frederick D. Huntington, S. T. D., LL. D., - Syracuse.

Doctor of the Civil Law.

Hon. Stewart L. Woodford, LL. D., - - - - Brooklyn.

Doctor of Literature.

Rev. Richard Wheatley, D. D., - - - - - Irvington.

Doctor of Divinity.

Rev. Austin Griffin, - - - - - - Binghamton.
Rev. William H. Mickle, - - - - - - Newburgh.
Rev. William H. Reese, - - - - - - - Lima.

Doctor of Philosophy.

Prof. Stephen T. Dial, A. M., Lockland, O., - - - - Latin.
Prof. Olin Clay Kellogg, A. M., Cazenovia, - - - Eng. Literature.
Prof. John Wesley Thomas, A. M., Meadville, Pa., - Modern Languages.
Prof. Clarence A. Waldo, A. M., Greencastle, Ind., - - Mathematics.
Rev. Alvin C. Willey, A. M., Onondaga Valley, - Evid. Christianity.
Rev. David Keppel, M. Ph., Clyde, - - - - Evid. Christianity.

Master of Arts.

Grace W. Bramley,	*in cursu.*	John D. Keefe,	*in cursu.*
John V. Brownell,	"	Van Erie Kilpatrick,	"
Harriett M. Budd,	"	Frank L. Mead,	"
Ellen A. Corse,	"	William A Mehan,	"
Paul Fitz Gerald,	"	David M. Totman, M. D.,	"
Frank W. Goreth,	"	Frank Hoyt Wood,	"
William H. Ives,	"	Lillie S. Smith,	"

Ellen A. Ford, Moorehead, Minn., *on exam.*, - - - - Latin.
William E. Palmer, Newark, N. J., *on exam.*, - - Evid. Christianity.
Louise Nicholson, Jordan, Resident Graduate, - - Ethical Philosophy.

Master of Philosophy.

Adelaide Lynn Dicklow, *in cursu.*
Ada B. Parker, *in cursu.*
Corinth LeDuc Crook, College Park, Col., *on exam.*, - - German.
Albert W. Emerson, Baldwinsville, *on exam.*,- - - - - History.

Bachelor of Arts.

Bennett Day Brown,
Samuel Eugene Caldwell,
Alice Ida Carey,
Herman Churchill,
Kingsley Fayette Congdon,
Maud Lulu Dorr,
William Victor Flaherty,
Agnes Helen Ford,
Clarence Norton Goodwin,
Ada Vassar Harbottle,
Delmar Edward Hawkins,
Schuyler Fox Herron,
John Blake Hillyer,
Ada Cornelia Holmes,
Elmer Ellsworth Hutchings,
George Kingoro Irie,
Julia Isabelle Ives,
Fred Ziah Lewis,
Lizzie Luella Lowell,
Edward S. J. McAllister,
Hurbert Chambers Minard,
William Leverett Morgan,
William Wilson Nichols,
Frederick Jansen Perrine,
Samuel Norton Pinney,
Stewart Scott,
Alfred Jacob Saxe,
Gertrude Alice Shepherd,
Edmund L. Shepard,
Myrtle Edith Thomson,
Bertrand Martin Tipple,
Edward Burdette Topping,
Abram Lincoln Travis,
William H. Van Benschoten,
Frances Louise Warr,
William Alonzo Wheatley,
William W. Wilcox.

Bachelor of Philosophy.

Rose Adele Baird,
Charles Webster Beadle,
Martha Ann Beecher,
George Hopkins Bond,
Emma Elizabeth Brown,
Susie De Cue Brown,
Menzo Burlingame,
Anna Irene Byrne,
Celia Inez Byrne,
Howard D. Chapman,
Anna Louise Cole,
Carro Julia Cummings,
Cora May Dodson,
Frederick Louis Dutcher,
Burton Deyoe Esmond,
Verner Simpson Gaggin,
Milicent Augusta Hinkley,
George Hunter Myers,
Anna Lillian Richards,
Roy Spencer Richardson,
Jessie Kate Symonds.

Bachelor of Science.

Earl Grant Burch,
Edwin Hamlin Carr,
Emma Younglove Emerson,
Martha Aubrie Keefe,
Milford John Whiteside.

Bachelor of Architecture.

George Draper Coons.

Bachelor of Music.

Arthur Eltinge,
Grace Darling Haanel,
Charlotte Mellen Packard,
Mary Patterson Pharis,
John Sherman Tack.

Bachelor of Painting.

Fannie Andrews Goodjon,
Genevieve A. Harrington,
Carl Tracy Hawley.

Doctor of Medicine.

George B. Clark,
Charles A. Covell,
J. Perry Horle,
Robert H. Phelps,
John M. Quirk,
Mary E. Raymond,
Frank M. Ringrose,
Arthur S. Ruland,
Robert B. Wilson.

College of Liberal Arts.

Students.

NON-RESIDENT GRADUATES.*

Prof. Isaac M. Agard, A. M.,	Rockville, Conn.
Gertrude Allen Knapp, A. M.,	Stevensville, Montana.
Rev. William E. E. Barcus, A. B., B. P.,	Monaca, Pa.
Minnie M. Beebe, A. M.,	Kingston, Pa.
Rev. John H. Bickford, A. M.,	Rushville, Ind.
Prof. John D. Bigelow, A. M.,	Moravia, N. Y.
Prof. Willis E. Bond, A. B.,	Potsdam, N. Y.
Prof. Charles C. Brill, A. M.,	Northfield, Vt.
Rev. Asa I. Brown, B. Ph.,	Sombra, Ont.
Rev. John W. Brown, A. B.,	Raynham, Mass.
Prof. George G. Brown, M. S.,	Ithaca, N. Y.
Prof. William H. Butts, A. M.,	Orchard Lake, Mich.
Prof. Charles H. Cambridge, A. B.,	Springfield, Vt.
Rev. De Forest O. Chamberlayne, A. B.,	Prattsburgh, N. Y.
Rev. Solomon Cleaver, A. M.,	St. Catharines, Ont.
Dorr R. Cobb, B. Ph.,	Syracuse, N. Y.
Prof. Albert E. Colgrove, A. M.,	Corry, Pa.
Rev. Alfred E. Craig, A. B.,	Hillsdale, Mich.
Rev. Horace Alonzo Crane, A. M.,	Bombay, Ind.
Prof. Corinth Le Duc Crook, M. Ph.,	Univ. Place, Nebraska.
Rev. Thomas R. Crooks, A. B.,	Philadelphia, Pa.
Rev. William J. Crothers, A. B.,	Port Hope, Ont.
Henry Danziger, Jr., B. Ph.,	Syracuse, N. Y.
Prof. Abial B. Davis, B. Ph.,	Salamanca, N. Y.

*NOTE.—Matriculants are requested to report to the Dean annually. Those not heard from for three years are presumed to have abandoned the course and are dropped from the list. Their names can be restored, however, on application and report. Two years resident study is required of all candidates for the degree of Doctor of Philosophy matriculating after October 5, 1893.

Prof. Adelaide Lynn Dicklow, B. Ph., - - Ottawa, Kan.
Rev. Bluford W. Dodson, A. B., - - Cedar Hill, Tenn.
Prof. Albert W. Emerson, M. Ph., - Baldwinsville, N. Y.
Prof. Wilbert P. Ferguson, A. B., B. D., - Mt. Pleasant, Iowa.
Rev. Seymour C. Ferris, A. B., - - East Worcester, N. Y.
Rev. Oscar L. Fisher, A. M.. D. D., - - Fort Worth, Texas.
Prof. William Y. Foote, A. B., - - - Syracuse, N. Y.
Ellen A. Ford, A. M., - - - Moorehead, Minn.
Prof. Charles W. Foreman, M. S., - Fort Edward, N. Y.
Prof. Abraham L. Gaines, A. B.. B. D., - - Atlanta, Ga.
Rev. William H. Gardner, A. B., B. D., - Keuka College, N. Y.
Rev. James Gosnell, A. B., - - - Rochester, N. Y.
Sylvia F. Gosnell, A. B., - - - Rochester, N. Y.
Rev. Edmund J. Gwynn, A. M., - East Bloomfield, N. Y.
Hannah E. Haley, A. M., - - - Lowell. Mass.
Rev. Albert E. Hall, B. S., B. P., - - Syracuse, N. Y.
Ella M. Hall, B. S., - - Franklinville, N. Y.
Rev. Johnson Henderson, A. M., - - Churchville, N. Y.
Susan A. Houghton, A. B., - - Syracuse, N. Y.
Prof. Will R. Howard, B. S., - - - Belfast, Me.
Rev. Bruce Hughes, A. B., - - - Karthaus, Pa.
George K. Irie, A. B., - - - - Tokyo, Japan.
Rev. John D. Keefe, A. M., S. T. B., - - Syracuse, N. Y.
Rev. Charles F. Kupfer, A. M., B. D., - Chin-Kiang, China.
Rev. Alpha G. Kynett, A. M., B. D., - - Pottstown, Pa.
Grace B. Latimer, B. S., - - Oneonta, N. Y.
Rev. Harry G. Limric, A. B., - - - Puebla, Mex.
Rev. William D. Marsh, A. M., - - - Malone, N. Y.
Champe D. McCulloch, Jr., A. B., M. D., Waco, Texas.
Nellie G. McIntyre, A. B., - - Batavia, N. Y.
Rev. William E. McLennan, A. M., - - South Bend, Ind.
Prof. Granville H. Meixell, A. M., - - - Tiffany, O.
Prof. George A. Mulfinger, A. M., B. D., - Mt. Pleasant, Ia.
Rev. Julian H. Myers, A. M., - - Clinton, N. Y.
Prof. Walter R. Newton, A. B., - - - Andover, Mass.
Louise Nicholson, A. M., - - - Jordan, N. Y.
Rev. William C. O'Donnell, A. B., - - Madison, N. J.
Rev. William E. Palmer, A. B., - - Newark, N. J.
Prof. Charles S. Parmenter, A. M., - Baldwin, Kan.
Prof. Henry Pease, A. M., - - - Medina, N. Y.

Rev. Chester A. Place, A. B., - - Blue Island, Ill.
Rev. Emerson P. Roberts, A. M., - Milton, Del.
Rev. Charles S. Robertson, A. B., - W. Sand Lake, N. Y.
Rev. William D. Rockwell, A. M., - Syracuse, N. Y.
Rev. John B. Rogers, A. M., - - Conquest, N. Y.
Rev. Edward J. Rose, B. Ph., - - Richmond, Ill.
Prof. Morgan R. Sanford, M. S., - - Wilbraham, Mass.
Prof. Philip F. Schneider, M. Ph., - Syracuse, N. Y.
Prof. Stewart Scott, A. B., - - Syracuse, N. Y.
Rev. William O. Shepard, A. M., - Elgin, N. Y.
Rev. George T. Smith, A. M., - - Tokyo, Japan.
Rev. J. Albert Smith, A. M., - - Buffalo, N. Y.
Prof. Edward L. Stevens, A. B., - - Malone, N. Y.
Rev. John A. Swann, A. B., - - East Troy, Pa.
Prof. Allison Thompson, A. B., - - Sherman, Texas.
Albert G. Thorne, A. B., - - Buffalo, N. Y.
Charles W. Tooke, A. B., - - Ithaca, N. Y.
Prof. William H. Van Allen, B. Ph., - - New York.
Rev. George Varion, M. S., - - Granville, Mich.
Rev. William H. Wakeham, A. B., - Corona, N. Y.
Prof. Gus Walters, B. S., - - - Mt. Pleasant, Ia.
Norval Wardrop, M. Ap. Sc., - - Detroit, Mich.
Rev. Horace E. Warner, A. B., - Colorado Springs, Col.
Rev. Robert H. Washburne, A. M., - Sand Lake, N. Y.
Jennie L. Whitbread, B. Ph., - - Baltimore, Md.
Rev. Myron C. Wilcox, B. Ph., B. D., - - Foochow, China.
Rev. William E. Wilkinson, A. B., B. D., - Warren, Ill.
Rev. Francis A. Woodward, A. M., - - Ellenville, N. Y.

RESIDENT GRADUATE STUDENTS.

Susan A. Houghton, A. B., (History), - - Syracuse.
William H. Jakway, B. S., (Physics), - - West Haven, Vt.
John D. Keefe, A. M., S. T. B., (English Literature), Syracuse.
Louise Nicholson, A. B., (Philosophy), - - - Jordan.
Stewart Scott, A. B., (Psychology), - - - Syracuse.
George Varion, M. S., (Philosophy), - Granville, Mich.

Students.

SENIOR CLASS.

NOTE.—The letter c. indicates the Classical Course; l. s., Latin-Scientific; and s., the Science Course.

			City Address.
Christabel Abbot,	l. s.	*Syracuse*,	1316 Madison
Nellie Julia Allen,	c.	*Medina*,	608 University ave
Louis Irving Backus,	c.	*Palatine Bridge*,	705 University ave
Guy Halsey Baskerville,	c.	*Deposit*,	Φ. Δ. Θ. Chap. H
Arthur Daniel Berry,	c.	*Mexico*,	Δ. Γ. Chap. H
Mabel Elizabeth Boomer,	c.	*Syracuse*,	314 Gifford
William H. Burgess,	c.	*Poughkeepsie*,	Ψ. Γ. Chap. H
Louis Streit Colwell,	c.	*Verbank*,	Ψ. Γ. Chap. H
Fred George Dutton,	l. s.	*LeRoy*,	B. Θ. Π. Chap. H
Ray Eckerson,	l. s.	*Brownlee, Pa.*,	303 Waverly Place
Charles Stuart Gager,	c.	*Greene*,	Δ. Γ.Chap. H
George Willis Gardner,	c.	*Savilton*,	402 Walnut Place
George Gorham Groat,	c.	*Waterford*,	Δ. Γ. Chapter H
Emily Jenny Goulding,	l. s.	*Syracuse*,	10 Price Place
Kate Bennett Hathaway,	s.	*Tonawanda*,	Φ. Γ. B. Chap. H
Anna May Hills,	l. s.	*Binghamton*,	207 University Place
Harris Ayers Houghton,	c.	*Syracuse*,	403 University Place
Harriette Augusta Hynes,	c.	*Camden*,	207 University Place
Alma Louise Klock,	c.	*Oneida*,	614 University ave
Gertrude M. Leete,	l. s.	*Cuyler*	1009 E. Adams
Aaron Titus Levy,	c.	*Syracuse*,	519 Warren
Daniel Morgan Lewis,	c.	*Utica*,	110 Dell
Stephen Burdette Loveland,	c.	*Taberg*,	112 Raynor
Joseph R. McGowan,	c.	*Syracuse*,	606 Willis ave
Jennette Alicia Morton,	l. s.	*Mottville*,	761 Irving
Jessie May Noulton,	c.	*Taberg*,	207 University Place
Charles Martin Olmstead,	c.	*Sidney*,	Φ. K. Ψ. Chap. H
Frank Ellsworth Paddock	c.	*Elbridge*,	Φ. K. Ψ. Chap H
Charles Luther Peck,	c.	*Cortland*,	805 Almond
John Benton Pitcher,	c.	*Adams*,	Δ. Γ. Chap. H

Mabel Anna Potter,	c.	*Syracuse*,	707 Madison
John Fitch Reed,	c.	*Richmond Mills*,	763 Irving
Howard Hunt Reynolds,	c.	*Sackett's Harbor*,	763 Irving
Mary Etta Robinson,	l. s.	*Antwerp*,	761 Irving
Caroline Sophia Romer,	l. s.	*Newark, N. J.*,	761 Irving
Dix Halsey Rowland,	l. s.	*Wellsboro, Pa.*,	1011 Madison
Fred Parmenter Schenck,	c.	*E. Orange, N. J.*, $\Phi. \Delta. \Theta.$	Chap. H
Erwin Harrison Schuyler,	s.	*Fairmount*,	907 Madison
Martha Elizabeth Smith,	l. s.	*N. Parma*,	207 University Place
Junius Wood Stevens,	l. s.	*Syracuse*,	522 N. Salina
Laura Isabel Stone,	c.	*LeRoy*,	711 Crouse ave
Olive Lucinda Strayer,	s.	*Denver, Col.*,	615 Irving
Harry Byron Tilbury,	c.	*Owego*, $\Phi. \Delta. \Theta.$	Chap. H
Charles H. Treadwell,	c.	*Oswego*, $B. \Theta. H.$	Chap. H
Stephen Archibald Vickery,	s.	*Three River Point*,	1012 E. Adams
Minnie Frances Wade,	l. s.	*Moravia*,	717 Crouse ave
Frank D. Walter,	c.	*Vernon*,	604 Irving
Charles Browning White,	c.	*Middleburgh*, $\Psi. \Gamma.$	Chap. H

JUNIOR CLASS.

John Nelson Alsever,	l. s.	*Syracuse*,	821 E. Genesee
William Dewey Alsever,	s.	*Syracuse*,	821 E. Genesee
Gertrude S. Burlingham,	c.	*Mexico*,	808 University ave
Mary Louise Caldwell,	l. s.	*Syracuse*,	143 W. Kennedy
John Wentworth Church,	c.	*Syracuse*,	109 DeLong ave
Julia Eleanor Church,	c.	*Syracuse*,	109 DeLong ave
Martha Belle Churchill,	c.	*Springville*,	209 University Place
Mabel Sarah Coon,	c.	*Oswego*,	207 University Place
Jennie Baldwin Downs,	c.	*Newark, N. J.*,	207 University Place
Fred W. Edgecombe,	s.	*Lubec, Me.*,	Crouse College
Edwin D. Face,	c.	*Gloversville*,	104 Marshall
Harry Haile Farmer,	l. s.	*Hailesborough*, $\Phi. K. \Psi.$	Chap. H
George Fountain,	g. s.	*Norwalk, Conn.*,	Mulberry
Charles Gillett,	c.	*Naples*,	1011 E. Adams
Mary Wolcott Green,	c.	*Athens, Pa.*,	102 Marshall
Effa Zilpha Ham,	c.	*Crawford, N. J.*,	717 Crouse ave
Anna Marion Harbottle,	c.	*Pulaski*,	142 Garfield ave
William B. Hodge,	s.	*Palatine Bridge*, $\Delta. K. E.$	Chap. H
Harriet Seymour Hollis,	l. s.	*Pulaski*,	908 Harrison
Harvey Milton Hubbard,	c.	*Stamford*,	402 Walnut Place

Katherine Hulst,	c.	*Greenwich*,	108 Waverly Place
Elizabeth Marsh Janes,	c.	*Onondaga Valley*,	
Edward Henry Kraus,	s.	*Syracuse*,	615 Butternut
Alice Louise Lee,	l. s.	*Brooklyn, Pa.*,	207 University Place
E. Bersie Lee,	c.	*Adams*	104 Marshall
Jessie May Mains,	l. s.	*Brooklyn*,	808 University ave
Morgan Millar,	c.	*Boston, Mass.*,	Ψ. Υ. Chap. H
Edwin Bryant Mott,	l. s.	*Syracuse*,	107 Marshall
H. Irving Nottingham,	c.	*Manlius*,	1005 E. Genesee
Maurice Pakelnishky,	l. s.	*Syracuse*,	117 Burt
Bessie Parsons,	c.	*Fairmount*,	207 University Place
Nina Hannah Paxson	l. s.	*Buffalo*,	808 University ave
Edward F. Randolph,	c.	*Summit, N. J.*,	Δ. Υ. Chap. H
John William Sadler,	c.	*Troy, Pa.*,	Δ. Υ. Chap. H
Martha Lillian Sanford,	l. s.	*Geneva*,	113 Marshall
Leora E. Sherwood,	l. s.	*Syracuse*,	1514 Mulberry
William Martin Smallwood,	c.	*Warsaw*,	Φ. K. Ψ. Chap. H
Almon E. Smith,	c.	*Norwalk, Conn.*,	Mulberry
Eugene Randolph Smith,	c.	*Oswego*,	B. Θ. Π. Chap. H
Grace Elsie Smith,	l. s.	*Albany*,	207 University Place
Lora Olive Snider,	l. s.	*Pittsburgh*,	713 Crouse ave
Mary Francis Sweet,	s.	*Syracuse*,	1108 E. Genesee
Frank Dana Thorne,	c.	*Buffalo*,	205 Waverly Place
John Gatitzin Truair,	l. s.	*Syracuse*,	568 Cedar
Sarah Tumim,	l. s.,	*Syracuse*,	403 Cedar
Ulysses Grant Warren,	c.	*Harrington, Del.*,	Φ. Δ. Θ. Chap. H
Henry Wheaton,	c.	*Richford*,	B. Θ. Π. Chap. H
Louise V. Winfield,	l. s.	*Syracuse*,	121 W. Castle

SOPHOMORE CLASS.

Robert Barnes Adams,	c.	*N. Manlius*,	763 Irving
William Orville Allen,	c.	*Sauquoit*,	Φ. K. Ψ. Chap. H
Katherine B. Allis,	l. s.	*Syracuse*,	802 Court
Gertrude Lois Andrews,	l. s.	*Syracuse*,	510 Irving
Howard Israel Andrews,	c.	*Cuyler*,	1005 E. Genesee
George Silas Avery,	s.	*Syracuse*,	1619 W. Genesee
Basil Bradley Aylesworth,	c.	*Warren, S. D.*,	201 S. Beech
Clara Amelia Bingham,	l. s.	*Lockwood*,	614 University ave
Jessie Pearl Brooks,	l. s.	*Corinth*,	102 Marshall
Berton Wellington Brown,	c.	*North Chili*,	

Harriet Louise Bryan,	l. s.	*Corning*,	614 University ave
Mattie E. Caldwell,	s.	*Syracuse*,	143 W. Kennedy
Frederick M. Caswell,	s.	*Deposit*,	136 Delhi
Winifred Coddington,	c.	*Syracuse*,	106 Walnut Place
Charles Howard Congdon,	c.	*Syracuse*,	315 University ave
Mabel Beth Cook,	l. s.	*Corning*,	614 University ave
Charles Edwin Cooney,	s.	*Syracuse*,	112 Standart
Edward W. Cregg,	c.	*Elbridge*,	214 Niagara
Daisy Lois Dean,	l. s.	*Rochester*,	417 University ave
Lee Anna Dorr,	c.	*Canton*,	207 University Place
Ruth Ethel Dryer,	c.	*Rochester*,	614 University ave
Frances Emerson,	s.	*Omaha, Neb.*,	761 Irving
John Rowlee Fausey,	c.	*Ebenton, Pa.*,	763 Irving
Mabel Josephine Fuller,	c.	*Syracuse*,	205 E. Kennedy
Jeanette Fairbairn Graham,	c.	*Rutland, Vt.*,	1004 E. Adams
Sarah Newcomb Graham,	c.	*Rutland, Vt.*,	1004 E. Adams
William Avery Groat,	s.	*Canastota*,	1005 E. Genesee
Leroy Wever Guibord,	s.	*Plattsburgh*,	759 Irving
Ingraham Thornton Hart,	c.	*Bridgetown, N. S.*,	763 Irving
Robert Hebblethwaite,	c.	*Stanley*,	1015 E. Adams
Gerry Gibbs Henderson,	c.	*Wolcott*,	763 Irving
Grace Aneata Hobart,	s.	*Penn Yan*,	614 University ave
Anna Juliana Hollis,	l. s.	*Sandy Creek*,	717 Crouse ave
Clara Grace Hookway,	l. s.	*Syracuse*,	209 McBride
Anna Mae House,	c.	*Penn Yan*,	710 Irving
Alberta Huntoon,	c.	*Hopewell*,	110 Henry
Ion Andrew Jackson,	l. s.	*Akron, O.*,	1005 E. Genesee
Pearl Ross Jewell,	l. s.	*Parish*,	Φ. K. Ψ. Chap. H
Julia Bertha Kellogg,	l. s.	*Evans*,	808 University ave
Louis Stone Langton,	l. s.	*Elbridge*,	705 University ave
Abraham Levy,	l. s.	*Syracuse*,	508 E. Adams
Eva Loretta Miller,	c.	*Mexico*,	808 University ave
Henry Louis Morgan,	c.	*Syracuse*,	206 Cortland ave
Mary Eliza Moxcey,	l. s.	*Manlius Station*,	125 Leon
Charles H. Munson,	c.	*East Bloomfield*,	$B. \Theta. \Pi.$ Chap. H
Emily Anna Newcomb,	s.	*Johnsonville*,	761 Irving
Anna Gray Noxon,	c.	*Syracuse*,	207 Catharine
Naboth Osborn,	c.	*Jermyn, Pa.*,	411 Comstock ave
Arthur Brown Peaslee,	c.	*Madison*,	104 Marshall
William Joseph Peck,	c.	*Scranton, Pa.*,	Δ. Γ. Chap. H

Frederick T. Pierson, Jr.,	c.	*Syracuse*,	420 Crouse ave
Helen Louise Potter,	l. s.	*Syracuse*,	707 Madison
Stephen Salisbury Pratt,	c.	*Homer*,	1005 E. Genesee
Herbert L. Reese,	c.	*Clifton Springs*,	610 University ave
Frank L. Richards,	c.	*Oswego*,	*B. Θ. Π.* Chap. H
Kirke Fuller Richardson,	c.	*Union Square*,	*Φ. K. Ψ.* Chap. H
Dora May Robinson,	l. s.	*Poultney, Vt.*,	107 Marshall
Charles Gardner Rogers,	c.	*Palmyra*,	*Δ. Υ.* Chap. H
George Washington Rosenberry,	c.	*Newton Hamilton*,	104 Marshall
Maud Ellen Sprague,	s.	*Weedsport*,	761 Irving
Edith Burton Slack,	l. s.	*Orange, N. J.*,	717 Crouse ave
Allen Dorman Steele,	s.	*Elmira*,	1012 E. Adams
Martha Phebe Tracy,	l. s.	*Liverpool*,	610 Croton
George Francis Tyrrell,	c.	*Syracuse*,	1009 Harrison
Adelaide D. Van Alstine,	l. s.	*Little Falls*,	808 University ave
Rebecca Volinski,	l. s.	*Syracuse*,	621 Madison
Harry Hyde Wadsworth,	c.	*Jordanville*,	763 Irving
Charles Wesley Walker,	c.	*McGrawville*,	1005 E. Genesee
Waldo Weston,	c.	*Syracuse*,	900 Irving
May Wheatley,	c.	*Syracuse*,	151 W. Newell
Jessie Eunomia Wheeler,	c.	*Auburn*,	413 Bear
Solomon C. Whitbeck,	l. s.	*Coeyman's Hollow*,	763 Irving
Charles Edward White,	s.	*Syracuse*,	408 Douglass
Lieber Everett Whittic,	l. s.	*Syracuse*,	313 Almond
Frederick Morgan Williams,	c.	*Rochester*,	303 Waverly Place
William Judson Wilson,	c.	*Addison*,	763 Irving
Bertha Wilson,	s.	*Fayetteville*,	713 Crouse ave

FRESHMAN CLASS.

Ralph Waldo Allen,	c.	*Syracuse*,	
Carrie May Allen,	s.	*Syracuse*,	635 S. Salina
Edna Alice Andrews,	s.	*Bethel Corners*,	713 Crouse ave
William B. Armington,	c.	*Clifton Springs*,	
John Clarence Atwater,	l. s.	*Fulton*,	*Φ. K. Ψ.* Chap. H
Charles Frederick Bates,	c.	*Savannah*,	109 Marshall
Gilbert Giddings Benjamin,	l. s.	*Buffalo:*	
Ansley Baker Blades,	c.	*Addison*,	315 University ave
Harry Curtis Brown,	l. s.	*Syracuse*,	345 Wescott
Wallace Elias Brown,	c.	*Chittenango*,	1005 E. Genesee
Don Carlos Buell,	l. s.	*Syracuse*,	208 Hawley

Anna Elizabeth Burlingame,	c.	*Springfield*,	713 Crouse ave
Florence Emma Carpenter,	c.	*Syracuse*,	905 Madison
Marie Sherman Cary,	c.	*Mechanicsville*,	761 Irving
May Ursula Caswell,	c.	*Afton*,	406 Walnut Place
Talmadge Charles Cherry,	s.	*Syracuse*,	906 University ave
Alice Rosanna Coates,	s.	*Erie, Pa.*,	713 Irving
Charles Benjamin Coates,	c.	*Erie, Pa.*,	727 Crouse ave
Elizabeth Todd Conklin,	s.	*E. Onondaga*,	908 Harrison
John Wesley Connell,	c.	*Athens, Pa.*,	109 Marshall
Emma Sophia Cook,	l. s.	*Newark, N. J.*	908 Harrison
Richard Bruce Cuthbert,	l. s.	*Pittsburgh, Pa.*,	1007 Adams
Charles Arthur Dann,	l. s.	*Downsville*,	Φ. K. Ψ. Chap. H
Firman Addison DeMaris,	l. s.	*Millville, N. J.*,	B. Θ. Π. Chap. H
Theresa Anna Dunham,	l. s.	*Manlius*,	209 Almond
Henry Clinton Emm,	c.	*Turin*,	1111 E. Genesee
Louis McGinnis Fenner,	s.	*Watertown*,	
Maurice Fikes,	l. s.	*Herkimer*,	606 University ave
Leonard Gray Flaccus,	s.	*Pittsburgh, Pa.*,	1007 E. Adams
Robert Frazier,	c.	*Amsterdam*,	303 Waverly Place
Jane Berdena Garlock,	c.	*Marion*,	105 Marshall
Samuel Haven Glassmire,	l. s.	*Coudersport, Pa.*,	111 Marshall
Elvin Bret Granger,	c.	*Sodus*,	111 Waverly Place
Minnie Belle Hasbrook,	c.	*Skaneateles*,	126 Shonnard
Fred Julian Hathaway,	c.	*Sidney*,	701 Irving
Milo Dibble Herron,	s.	*Cobleskill*,	Δ. Γ. Chap. H
Edna Hildreth,	c.	*Syracuse*,	
Lena Huntoon,	c.	*Hopewell*,	110 Henry
Lena Lemoyne Hoose,	c.	*Mexico*,	108 Waverly Place
Charles Henry Howe,	c.	*Syracuse*,	712 Jefferson
John Taylor Hoyle,	c.	*Peak Forest, Eng.*,	Φ. K. Ψ. Ch. H
May Zella Hunt,	c.	*Canastota*,	419 Irving
Edward Corbin Jenkins,	c.	*Syracuse*,	501 E. Willow
Frank Barnes Klock,	s.	*Syracuse*,	206 Lowell ave
Edith Lenore Knight	c.	*Mexico*,	333 E. Castle
Jay Durwood Lester,	c.	*Orwell*,	Φ. K. Ψ. Chap. H
Rose I. Levy,	l. s.	*Syracuse*,	519 Warren
Lillian Beatrice Lewis,	c.	*Auburn*,	614 University ave
Mary Corinne Lewis,	l. s.	*Syracuse*,	1713 W. Genesee
Chloe Joanna Loveland,	l. s.	*Taberg*,	112 Raynor
Hattie Violet Luther,	s.	*Olean*,	1004 E. Adams

Harry Lee Mapes,	c.	*Warsaw*,	Φ. K. Ψ. Chap. H
Harris Albert Marks,	c.	*Baldwinsville*,	B. Θ. Π. Chap. H
Harry Markson,	l. s.		111 Monroe
Frederick Maunder,	c.	*Milton Abbott, Eng.*,	610 Univ. ave
William Ralph Maxon,	l. s.	*Oneida*,	1005 E. Genesee
Grant Gay McChesney,	g. s.	*Bath*,	109 Waverly Place
John Wesley McGavern,	c.	*Hinsdale*,	315 University ave
Edward Elliot McKean,	s.	*Groton*,	
Harrison Wood McLenathen,	c.	*Brooklyn*,	311 Hickory
Nathan Mendelsohn,	l. s.	*Syracuse*,	616 Harrison
Mary Frances Merritt,	c.	*LeRoy*,	109 Marshall
Howard Charles Mills,	s.	*Fairmount*,	
Kengo Moriya,	l. s.	*S. Naganoken, Japan*,	Δ. Γ. C. H.
William Sherman Mulholland,	c.	*Mineville*,	310 Ostrom ave
Elizabeth B. Newman,	l. s.	*Canandaigua*,	207 University Place
Lida May O'Bryon,	c.	*Elmira*,	105 Marshall
Susie Shaw Over,	l. s.	*Syracuse*,	122 Erie
Will Wellesley Percy,	l. s.	*Ogdensburgh*,	763 Irving
William Armstrong Perry,	s.	*Syracuse*,	351 E. Genesee
Robert Hamilton Pierson,	l. s.	*Syracuse*,	420 Crouse ave
Mabel Carter Rhoades,	l. s.	*Syracuse*,	406 Walnut Place
Lena M. Rhodes,	s.		802 University ave
Edwin Ellsworth Riley,	l. s.	*Canton, Pa.*,	112 Henry
Thomas Ralph Robinson,	c.	*Syracuse*,	515 Crouse ave
William Claire Rogers,	c.	*Los Angeles, Cal.*,	B. Θ. Π. Chap. H
Martha Ray Rosenthal,	s.	*Syracuse*,	901 Grape
Maurice Rossman,	c.	*Syracuse*,	752 Harrison
Karl William Schnur,	s.	*Warren, Pa*,	727 Crouse ave
Marston W. Scoville,*	s.	*Phelps*,	301 Waverly Place
Joseph Phillip Slack,	s.	*Syracuse*,	311 Herkimer
Helen Blanche Sleight,	l. s.	*Newark*,	108 Waverly Place
Frank Mather Smalley,	c.	*Syracuse*,	607 University ave
Earl Evelyn Sperry,	s.	*Syracuse*,	135 Green
Alice May Stobo,	l. s.	*Syracuse*,	170 Holland
Mary Laura Storm,	c.	*Owego*,	109 Marshall
Anna Belle Stowell,	l. s.	*Wellsboro, Pa.*,	618 Irving
Nellie Mariella Terwilliger,	c.	*Owego*,	109 Marshall
Homer Fuller Titus,	l. s.	*Moriah Centre*,	Δ. Γ. Chap. H
Mailler Orville VanKeuren	c.	*Croton*,	509 Crouse ave

* Deceased.

Charles Rowe Vickery,	s. *Phoenix*,	*Φ. K. Ψ.* Chap. H
Gertrude Estelle Virgil,	1. s. *Daysville*,	108 Waverly Place
Sarah Volinski,	1. s. *Syracuse*,	621 Madison
Edward B. Vollmer,	s. *Syracuse*,	305 Marshall
Henry J. Wallace,	c. *Markham*,	*B. Θ. Π.* Chap. H
Theodore Leland Waugh,	c. *Utica*,	763 Irving
Mabel Eva West,	1. s. *Lake George*,	606 University ave
Charles Elmer Wetton,	s. *Elizabeth, N. J.*,	610 University ave
Nettie Eliza Whitbread,	1. s. *Syracuse*,	123 Gazelle
Ebert Earl Whittaker,	c. *Deposit*,	109 Waverly Place
Arthur Abijah Wilmot,	g. s. *Varden, Pa*,	411 Comstock ave
Edith Mong Wilson,	1. s. *Olean*,	1004 E. Adams
Minnie Amelia Wood,	1. s. *Watertown*,	211 University Place
Locie Doughty Woodmancy,	c. *Syracuse*,	102 Leon

SPECIAL STUDENTS.

[NOT CANDIDATES FOR A DEGREE.]

Allen Baker Benham,	*Clifton Springs*,	500 Irving
Lena Cecelia Burton,	*Syracuse*,	212 Grace
Lyman Chandler,	*E. Aurora*.	
John S. Conway,	*Onondaga Castle*.	
C. A. Cushney,	*Syracuse*.	
Rosa Margaret Douglass,	*Stafford*,	608 University ave
D. J. Ebert,	*Syracuse*,	322 Jackson
Wildridge Henry Gorman,	*Ogdensburgh*.	
Harry Edgar Harned,	*Rochester*,	104 Marshall
Helen Hazen,	*Marathon*.	
Mark Heiman,	*Syracuse*,	500 Madison
Heigo Hirata,	*Hirosaki, Japan*.	
Louis Fowler Joy,	*Ilion*,	763 Irving
Alfred Ward Lyon,	*Amsterdam*,	735 Crouse ave
Katharine L. McGinnis,	*Syracuse*,	804 S. Salina
Stella McIntyre,	*Clyde*,	730 Crouse ave
Henry Didama Meads,	*Syracuse*,	700 Irving
Charles Warner Mills,	*Sodus*,	303 Waverly Place
Clifton Henry Mix,	*Gouverneur*,	303 Waverly Place
Frederick Allen Mott,	*Syracuse*,	107 Marshall
Clark Asahel Nichols,	*Syracuse*,	James
Guy Linn Noble,	*Syracuse*,	320 Kelly
Elizabeth May O'Brien,	*Baldwinsville*,	611 Crouse ave

George Elmer O'Bryon,	*Elmira*,	Φ. Δ. Θ. Chap. H
Effie Almira Paddock,	*Sauquoit*,	664 Madison
Laura Anna Peck,	*Waterloo*,	726 Crouse ave
Rowena Keith Saxe,	*Syracuse*,	
Elmer John Scott,	*Syracuse*,	1515 S. Salina
M. Elizabeth Scott,	*Syracuse*,	752 Harrison
Ella Grace Smith,	*Syracuse*,	513 S. Salina
Arthur Ernest Strong,	*Syracuse*,	607 Crouse ave
Fred Gedney Traver,	*Hillsdale*,	763 Irving
Clara L. Tucker,	*Syracuse*,	
Genevieve Willetta Warren,	*Syracuse*,	324 Warren
Reba S. Willard,		
Maurice Benton Wright,	*Baldwinsville*,	111 Marshall
Clara Elizabeth Wyker,	*Liverpool*,	113 Marshall
William Henry Yard,	*Erie, Pa*	Δ. Γ. Chap. H

College of Fine Arts.

RESIDENT POST-GRADUATE STUDENTS.

NOTE.—The letter m. denotes the course in music; p. in painting, ar. in architecture and b. l. in belles-lettres.

Katharine A. Crawford, Mus. B.,	m.	*Syracuse*,	207 University Place
Louisa Darbonnier, B. P.,	m.	*Berkshire*,	*A. Φ.* Chap. H
Lucien Adelbert Davison, B. P.,	p.	*Syracuse*,	713 E. Fayette
Grace Darling Haanel, Mus. B.,	m.	*Syracuse*,	405 University Place
Mark Augustus Haley, B. P.,	p.	*Syracuse*,	933 Mulberry
Genevieve A. Harrington, B. P.,	p.	*Syracuse*,	1104 E. Adams
Kate Cushing Hatmaker, Mus. B.	m.	*Syracuse*,	105 Marshall
Pauline Jennings, Mus. B.,	m.	*Fulton*,	
Carrie Parke Jones, Mus. B.,	m.	*Syracuse*,	106 Waverly Place
Anna Elizabeth Leonard, B. P.,	p.	*Syracuse*,	918 Madison
Katherine Elizabeth Miller, B. P.	p.	*Syracuse*,	803 E. Genesee
Mary Mabelle Paddock, B. P.,	p.	*Wolcott*,	209 University Place
Mary Patterson Pharis, Mus. B.,	m.	*Syracuse*,	600 Lowell ave
Bessie A. Reed, Mus. B.,	m.	*Syracuse*,	908 Harrison
Lena J. Schreuder, Mus. B.,	m.	*Syracuse*,	1032 S. Salina
Harriet Case Stacey, Mus. B.,	m.	*Syracuse*,	904 E. Genesee
Helen M. Wardwell, Mus., B., p.,	m.	*Mansville*.	310 Walnut Place
Florence A. Wright, B. P.,	p.	*Syracuse*,	The Florence

SENIOR CLASS.

Oliver Vincent Clark,	ar.	*E. Onondaga*,	*Ψ. U.* Chap. H
Bessie Cowles,	m.	*Clyde*,	614 University ave
Alice Ray Divine,	p.	*Utica*,	1006 E. Adams
Cory Fred Feek,	ar.	*Syracuse*,	611 Warren
Thomas Walker Gaggin,	ar.	*Erie, Pa.*,	713 Irving
Florence Eugenie Haanel,	p.	*Syracuse*,	405 University Place
Jessica Lusana Harden,	p.	*Marion*,	604 Irving
Elizabeth E. Hewlett,	p.	*Dresden*,	908 E. Genesee
Jessie Whiting Hurlbut,	p.	*Canastota*,	614 University ave

Frederick William Revels,	ar. *Olean*,	705 University ave
Frederick William Schlieder,	m. *West Leyden*,	*Δ. K. E.* Chap. H
Joseph Carl Seiter,	m. *Syracuse*,	425 N. Salina
Mary Louise Slee,	p. *Auburn*,	1004 E. Adams
Elizabeth Emily Walter,	m. *Vernon*,	604 Irving
Marion Emelyn Weaver,	p. *Syracuse*,	109 South ave
Sara Louise Weeks,	b. l. *Skaneateles*,	209 University Place

JUNIOR CLASS.

Lovern Hill Babcock,	m. *Fayetteville*,	618 Irving
Frances Marion Beattie,	m. *Syracuse*,	1601 E. Genesee
Emma Brigham,	s. m. *Syracuse*,	736 Crouse ave
Lena Emily Brockway,	m. *Syracuse*,	207 Elliott
Caleb Candee Brown,	ar. *Syracuse*,	612 S. Salina
Alton Eugene Darby,	m. *Cortland*,	105 Comstock Place
Henry Ward Davis,	s. m. *Syracuse*,	311 W. Genesee
Anna Christine Dudley,	p. *Syracuse*,	1305 Madison
Grace Margaret Featherly,	m. *Syracuse*,	118 South ave
Jennie Folkey,	m. *Deposit*,	808 University ave
Nettie Church Fox,	s. m. *Syracuse*,	535 Gifford
William Clark Gavitte,	ar. *Springville, Pa.*,	*Φ. Δ. Θ.* Chap. H
Lewis Elijah Graves,	m. *Scriba*,	405 Walnut ave
Jessie Avery Groat,	m. *Canastota*,	*Γ. Φ. B.* Chap. H
Mae Elizabeth Hall,	p. *Syracuse*,	509 Crouse ave
Inez Roxana Hamilton,	s. m. *Cazenovia*,	
Lawson Dymond Hart,	m. *W. Pittston, Pa.*	207 Univ. Place
Susannah C. Hatmaker,	m. *Syracuse*,	105 Marshall
Irma E. Hollenbeck,	s. m. *Syracuse*,	217 Delaware
Charlotte Mead Janes,	p. *Onondaga Valley.*	
Marion Louise Manning,	s. m. *Syracuse*,	107 Comstock ave
Arline McCarthy,	s. m. *Syracuse*,	402 E. Genesee
Nina Irene McCormick,	s. m. *Syracuse*,	608 Irving
Anita Cleveland Miller,	s. m. *Eaton*,	617 Warren
Alice Josephine Oliver,	s. m. *Oswego*,	700 Irving
Ethelwyn Osborne,	m. *Fayetteville*,	*Γ. Φ.* Chap. H
Mary Sims Parker,	s. m. *Syracuse*,	211 University Place
Clara Gere Reed,	b. l. *Syracuse*,	604 Crouse ave
Mary Ellen Render,	m. *Antwerp* .	108 Raynor
Winifred Rogers,	m. *Waverly*,	207 University Place
Nellie Eleno Sharpe,	s. m. *Oswego*,	816 E. Fayette

Edith Claire Stobo,	m., b. l.	*Syracuse*,	170 Holland
Clara Louise Stoddard,	m.	*Palmyra*,	713 Crouse ave
Mary Adelle Tack,	s. m.	*Syracuse*,	1607 E. Genesee
Julia Adelaide Talbott,	m.	*Syracuse*,	622 Irving
Etta Leah Tolman,	p.		11 McClure ave
Sarah Eleanor Veeder,	p.	*Lyons*,	614 University ave
Evalina Vernon,	m.	*Syracuse*,	717 E. Genesee
Stella H. Walrath,	s. m.	*Syracuse*.	
Mary Luella Weatherlow,	m.	*Seneca Falls*,	713 Crouse ave
Anna Sophia Wells,	s. m.	*Fayetteville*,	
Alice Weston,	p.	*Syracuse*,	900 Irving
Florence Helen Wilson,	m.	*Auburn*,	1204 W. Onondaga
Lucy Catherine Gates,	s. m.	*Syracuse*,	

SOPHOMORE CLASS.

Blanche Louise Ashley,	s. m.	*Norwood*,	761 Irving
Florence Louise Barney,	m.	*Albany*,	808 University ave
Lou Merwin Beckwith,	s. m.	*Fayetteville*,	
Burt LeGrand Bentley,	m.	*Cortland*,	1009 Adams
Sadie Berson,	s. m.	*Syracuse*,	711 Harrison
Susan Gay Britcher,	m.	*Syracuse*,	707 S. West
Effie Dell Brooks,	s. m.	*North Lansing*,	616 E. Fayette
Florence L. Brooks,	m.	*Syracuse*,	109 Pharis
Gabrielle Greeley Burnette,	s. m.	*Syracuse*,	665 Madison
Mabelle Vaughn Burnette,	s. m.	*Syracuse*,	665 Madison
Harriet H. F. Burrows,	s. p.	*Hamilton, Bermuda*,	613 E. Genesee
Margaret Irene Clark,	p.	*Sodus*,	910 Harrison
Myrtle Delphine Clark,	m.	*Oswego*,	702 Irving
Clara Bessie Collins,	s. m.	*Syracuse*,	230 Midland ave
Nellie Collins,	s. m.	*Syracuse*,	230 Midland ave
Sarah Crabtree,	s. m.	*Syracuse*,	114 W. Castle
Emma Cushing,	s. m.	*Wellsborough, Pa.*,	105 Marshall
Mary Willard Cushing,	m.	*Syracuse*,	The Frazer
Cordelia C. Dana,	s. p.	*Syracuse*,	206 Highland
Mrs. J. H. Durston,	s. m.	*Anaconda, Mont.*,	718 Crouse ave
Laura Durston,	s. m.	*Anaconda, Mont.*,	718 Crouse ave
Caroline Amelia Eddy,	s. m.	*Syracuse*,	802 W. Onondaga
Charles Loring Elliott,	ar.	*Syracuse*,	300 Burnet ave
Jessie E. Farrington,	m.	*Syracuse*,	1543 S. Salina
Bertha Fessler,	s. m.	*Syracuse*,	112 Jackson

Alvah Clinton Fredenburg,	s. m.	*Catskill*,	505 Townsend
Mary Elizabeth Haight,	m.	*Onondaga Valley*,	
Lucy Lewis Hamson,	p.	*Syracuse*,	316 Delaware
Gladys Hibbard,	m.	*Mannsville*,	808 University ave
Anna May Hills,	s. m.	*Binghamton*,	207 University ave
Maud Louise Ireland,	m.	*Syracuse*,	763 Irving
Lucina Jewell,	s. m.	*Chelsea, Mass.*,	1013 Adams
John Hart Kinsey,	m.	*Rush*,	Φ. K. Ψ. Chap. H
Josephine Percy Lalor,	s. m.	*Syracuse*,	1143 S. Salina
Cora Amelia Lansing,	s. m.	*Canastota*,	
Edith Gertrude Lewis,	s. m.	*Jordan*,	
Mabel Marvin,	m.	*Baldwinsville*,	610 University ave
Josephine Amelia Miller,	s. m.	*Syracuse*,	207 Park ave
Lucia E. H. Moore,	p.	*Syracuse*,	618 Irving
William George Morrell,	m.	*Trenton, N. J.*,	Crouse ave
Charles Mullen,	s. m.	*Syracuse*,	610 E. Fayette
Mary Eugenia Mumford,	m.	*Syracuse*,	724 E. Fayette
Jennie Maud Myers,	s. p.	*Ellenville*,	1319 E. Genesee
Dora Laverne Norton,	m.	*Adams*,	107 Marshall
Mabel V. O'Conner,	s. m.	*Syracuse*,	647 S. Salina
Laura Tomlinson Page,	m.	*Syracuse*,	609 University ave
Leila May Perine,	m.	*Fulton*,	1007 Adams
Charlotte May Phelps,	m.	*New Haven*,	108 Raynor
Louis Baker Phillips,	m.	*Syracuse*,	738 Harrison
Maude E. Purrington,	m.	*New Hartford*,	604 Irving
Angeline Emily Rhodes,	s. m.	*Skaneateles*,	
Dora May Robinson	s. m.	*Poultney, Vt.*,	107 Marshall
Ollie Meade Ross,	m.	*Elmira*,	808 University ave
Maurice Rossman,	s. m.	*Syracuse*,	752 Harrison
Helen Mildred Saxton,	m.	*Clyde*,	730 Crouse ave
Theodora Sedgwick,	s. m.	*Syracuse*,	1017 James
Gail Sherman,	s. p.	*Syracuse*,	1312 Park
Ida Luella Sherwin,	s. m.	*Canton*,	707 Crouse ave
Ida Florence Smith,	s. m.	*Syracuse*,	608 Seymour
Marion Augusta Smith,	m.	*Groton*,	808 University ave
Mary Martha Stackhouse,	m.	*Shickshinny, Pa.*,	112 Raynor
Grace Elizabeth Suydam,	m.	*Fleming*,	906 Irving
John Carl Thayer,	ar.	*Trenton*,	Φ. Δ. Θ. Chap. H
Nellie Albertina Tooke,	m.	*Syracuse*,	105 Tremont
Alethea Wyman Tracy,	m.	*Liverpool*,	610 Croton

Clara Lucina Tucker,	s. m. *Syracuse*,	1223 E. Genesee
Maude Van Tassel,	m. *Syracuse*,	122 Beacon
Evalina Vernon,	b. l. *Syracuse*,	717 E. Genesee
Mary Margaret Warn,	b. l. *Marathon*,	610 Croton
May Watkins,	s. m. *Cazenovia*,	
Mary Manchester Weeks,	p. *Syracuse*,	411 Irving
Jessie Eunomia Wheeler,	s. m. *Syracuse*,	1511 Spring
Flora Emeline Williams,	p. *Sayre, Pa.*,	211 University Place
Bessie May Willard,	m. *Syracuse*,	224 Shonnard
Mabel Lilian Willard,	p. *Syracuse*,	224 Shonnard

FRESHMAN CLASS.

Grace Agnes Allen,	s. m. *Syracuse*,	213 Green
Sarah Ostrander Avery,	b. l. *Syracuse*,	216 First North
Anna Eugenia Baker,	s. m. *Auburn*.	
Mary Adalene Baker,	s. m. *Constantia*,	212 Niagara
Leora Alice Ball,	s. m. *Syracuse*,	134 W. Kennedy
Blanche Adaline Barber,	p. *Syracuse*,	1520 Grape
Harriet Candee Barber,	s. m. *Manlius*.	
Eugenia Helene Barnes,	b. l. *Syracuse*,	735 Crouse ave
Ethel A. Barnum,	m. *Syracuse*,	803 University ave
Maud Gaylord Barnum,	p. *Syracuse*,	803 University ave
Gertrude May Bauer,	s. m. *Syracuse*,	218 Fitch
Josephine Mildred Baxter,	s. m. *Syracuse*,	1301 E. Genesee
Frances Whipple Bigelow,	ar. *DeLand*,	202 Waverly Place
Myrtie Elizabeth Brewster,	b. l. *Syracuse*,	118 Henry
Anna Mae Bristol,	s. p. *Fulton*,	211 University Place
Daisey Anna Boon,	m. *Syracuse*,	601 McBride
Adela Cosart Brown,	s. m. *Shortsville*,	512 E. Fayette
Harriet May Budd, A. B.,	s. m. *Syracuse*,	706 University ave
Lewis H. Campbell,	s. m. *Syracuse*,	314 Crouse ave
Lucy Catharine Chapin,	p. *Syracuse*,	417 Cherry
Carlotta Anna Church,	s. m. *E. Onondaga*.	
Edith Zenette Clark,	m. *Wellsboro, Pa.*,	618 Irving
Sophie Brightman Clarke,	s. m. *Cazenovia*,	215 Delaware
Lyman Wells Clary,	m. *Syracuse*,	204 Highland
Martha DeGrasette Clift,	s. m. *Marcellus*,	501 Van Buren
Clarence S. Congdon,	ar. *Syracuse*,	315 University ave
Edna E. Congdon,	m. *Bradford, Pa.*,	1015 E. Adams
Mary Louise Connell,	m. *Baldwinsville*,	107 Marshall

Edith Abbott Cook,	s. m.	*Syracuse*,	409 University ave
Lena B. Crocker,	p.	*Syracuse*,	128 Furman
Eva Louisa Dana,	m.	*Salina, Kan.*,	125 Leon
Mary Emogene Day,	m.	*Syracuse*,	700 Irving
Gertrude Letitia Durand,	m.	*Canandaigua*,	319 University ave
Lillian Bentley Eddy,	s. m.	*Syracuse*,	802 W. Onondaga
Millard Connel Farrington,	s. m.	*Syracuse*,	1543 S. Salina
Maud Elizabeth Featherly,	s. m.	*Syracuse*,	118 South ave
Jennie Veronica Finlay,	m.	*Syracuse*,	305 Crouse ave
Katharine May Foster,	p.	*Syracuse*,	727 Irving
Mabel Edna Francis,	s. m.	*Syracuse*,	503 E. Fayette
Alexander Winchell French,	ar.	*Syracuse*,	232 South ave
Lida Minerva French,	b. l.	*Syracuse*,	232 South ave
Alice Eliza Gaggin,	p.	*Erie, Pa.*,	713 Irving
Alice Reed Graves,	m.	*Syracuse*,	602 James
Anna C. Giddings,	m.	*Baldwinsville*,	107 Marshall
Julia Gilbert,	s. m.	*Syracuse*.	
Lottie Marie Gooding,	m.	*Groton*,	808 University ave
Ruth Gray,	s. m.	*Greigsville*,	1002 E. Fayette
Harriet Louisa Green,	s. m.	*Sodus*,	620 Crouse ave
Maud Julia Griffith,	s. m.	*Georgetown*,	513 Irving
Mrs. J. H. Hallock,	s. m.	*Syracuse*,	423 E. Jefferson
Jennie McE. Hamner,	s. m.	*Lamington, N. J.*,	205 E. Castle
Amelia Elizabeth Himes,	s. m.	*Oswego*,	808 University ave
Earl Hollenbeck,	ar.	*Syracuse*,	114 Onondaga ave
Leon Bruce Howe,	ar.	*Syracuse*,	130 Garfield ave
Gertrude Augusta Hulse,	s. m.	*Middletown*,	614 University ave
Helen Aurelia Hurlbut,	s. m.	*Canastota*,	614 University ave
Ion Andrew Jackson,	s. m.	*Akron, O.*,	*Δ. K. E.* Chap. H
Mabel Emma Jacoby,	s. m.	*Syracuse*,	500 Townsend
Isabel Maria Jakway,	s. p.	*West Haven, Vt.*,	111 Waverly Place
Laura Davie Kaufman,	s. m.	*Syracuse*,	810 W. Genesee
Jennie Laura Keefe,	m.	*Athens, Pa.*,	Waverly Place
Grace Viola Keefer,	s. m.	*Camillus*.	
Belle Kennedy,	s. m.	*Ada, Canada*,	907 Adams
Mary Gertrude Leete,	s. m.	*Tully*,	1009 E. Adams
Mrs. Edward H. Leggett,	s. m.	*Syracuse*,	201 Slocum ave
Lucy May Lewis,	b. l.	*Canton, Pa.*,	112 Henry
Unni Charlotte Lund,	s. m.	*Oswego*,	616 Irving
Mary Edith Lyon,	m.	*Waverly*,	125 Leon

Carl Bernhard Machold,	ar.	*Amsterdam*,	109 Waverly Place
Marion Jessie Markham,	p.	*Syracuse*,	126 Grace
Laura J. Marshall,	m.	*Pratt's Hollow*,	313 Walnut ave
Katherine L. McGinnis,	b. l.	*Syracuse*,	804 S. Salina
Marion McQueen,	s. p.	*Vernon*,	717 Crouse ave
Bertha Maud Moyer,	s. m.	*Syracuse*,	1400 First North
William Greenwood Naylor,	b. l.	*Syracuse*,	1425 Grape
Ray Wallace Niver,	ar.	*Elmira*,	411 Irving
Ruth Nörlin,	s. p.	*Syracuse*,	112 Gazelle
Mabel Ella Northrop,	p.	*Syracuse*,	205 Waverly Place
Lua Chamberlain Noyes,	m.	*Rochester*,	600 Crouse ave
Jessamine Lois Nuffer,	s. m.	*Beaver Falls*,	304 Hawley
May Louise O'Connor,	s. m.	*Syracuse*,	647 S. Salina
James Orlando,	s. m.	*Syracuse*,	1232 Mulberry
Mabel Franc Ostrander,	m.	*Syracuse*,	104 Lincoln ave
Elizabeth Ford Packard,	b. l.	*Syracuse*,	303 University Place
Mary Louise Parmelee,	b. l.	*Syracuse*,	325 Montgomery
Maud Blair Perkins,	m.	*Syracuse*,	311 Midland ave
Mabel Lillian Perry,	s. m.	*Jordan*,	305 Renwick ave
Mabel J. Purrington,	b. l.	*New Hartford*,	604 Irving
Florence Richmond Putnam,	m.	*Syracuse*,	125 Furman
Agnes Raines,	s. m.	*Rochester*,	600 Crouse ave
Helen Richards,	p.	*Oswego*,	908 Harrison
Grace Lucinda Robbins,	s. m.	*Syracuse*,	217 Grace
Mayme Alida Robbins,	s. m.	*Syracuse*,	217 Grace
Emily Pettit Roff,	s. m.	*Syracuse*,	715 Warren
Nellie Elizabeth Rolland,	s. m.	*Tully*,	108 W. Castle
Lillian Rose,	m.	*Syracuse*,	7 The Ely
Genevieve M. Scoville,	b. l.	*Phelps*,	301 Waverly Place
Isabel White Scoville,	s. m.		
Margarite Eleanor Scoville,	b. l.	*Phelps*,	301 Waverly Place
Minnie M. Share,	s. m.	*Marcellus*.	
Abigail Platt Sherwood,	m.	*Syracuse*,	1011 Madison
George F. C. Sherman,	s. m.	*Syracuse*,	108 Comstock ave
Lincoln Harvey Smith,	ar.	*Mahanoy City*,	111 Waverly Place
Myrtie B. Smith,	s. m.	*Mottville*.	
Ruth Gardner Spaulding,	s. b. l.	*E. Onondaga*.	
Mamie Spring,	s. p.	*Syracuse*,	358 Westcott
Mabel Blanche Stackus,	m.	*Skaneateles*,	513 Irving
Mrs. Lamont Stillwell,	s. m.	*Syracuse*,	1115 E. Genesee

Bessie Beatrice Stinard,	m.	*Syracuse*,	1117 Bellevue ave
Oscar Frederick Stout,	m.	*Syracuse*,	121 W. Fayette
Margaret Ellen Telfer,	b. l.	*Syracuse*,	608 Crouse ave
Leonora Teller,	s. b. l.	*Fredonia*.	
Jenny M. Tenny,	s. m.	*Syracuse*,	210 Renwick ave
Maud Inez Thomson,	s. m.	*Binghamton*,	904 E. Genesee
Lillian Blanche Tillinghast,	m.	*Morrisville*,	313 Walnut ave
Elliot Ernest Vernon,	ar.	*Syracuse*,	717 E. Genesee
Harry Leonard Vibbard,	m.	*Olean*,	333 Crouse ave
Elita Edysta Waggoner,	s. m.	*Syracuse*,	715 E. Fayette
Anna Marie Walch,	s. m.	*Syracuse*,	357 W. Onondaga
Louisa Magdelena Walch,	p.	*Syracuse*,	357 W. Onondaga
Etta Victoria Walldorf,	s. m.	*Houghton*,	908 Irving
Lena May Webb,	m.	*Syracuse*,	106 Woodland ave
Lila D. Wells,	s. m.	*Syracuse*,	508 James
Emily M. Wells,	b. l.	*Syracuse*,	508 James
Frank H. White,	s. m.	*Syracuse*,	223 Elliot
Mrs. W. W. Wiard,	s. m.	*Syracuse*,	112 Holland
Clara Louise Wilkins,	s. m.	*Syracuse*,	512 Almond
May Elizabeth Wilson,	s. m.	*Syracuse*,	104 Holland
William Wittenberg,	ar.	*Elmira*,	109 Waverly Place
Marielle Ruth Wood,	b. l.	*Savannah*,	730 Crouse ave
Florence Woodford,	s. m.	*Syracuse*,	806 University ave
Carrie Belle Yelton,	m.	*Oneida*,	620 Crouse ave

SPECIAL STUDENTS.

Agnes Philetheta Adams,	s. m.	*Canastota*.	
Clara Andrews,	s. m.	*Syracuse*.	
Anna Eugenia Baker,	s. m.	*Auburn*.	
Katherine Barber,	s. p.	*Syracuse*,	James
Mabel Jean Barber,	s. m.	*Syracuse*,	1520 Grape
Mrs. Stewart Barnes,	s. m.	*Syracuse*,	University ave
M. Gertrude Battell,	s. m.	*Canton*,	102 Marshall
Gertrude May Bauer,	s. m.	*Syracuse*,	218 Fitch
Leila Dorrance Bishop,	s. m.	*Whiting, Ia.*,	510 Crouse ave
Clara Emma Brockway,	s. m.	*Syracuse*,	1813 E. Genesee
Jennie Brown,	s. m.	*North Syracuse*,	807 Danforth
Mabel Rebecca Brown,	s. p.	*Syracuse*,	512 W. Onondaga
Grace Buell,	s. m.	*Syracuse*,	208 Hawley
Grace Isabel Bush,	s. m.	*Syracuse*,	103 Elliott

Jessie Carr,	s. m.	*Baldwinsville.*	
Kathryn Clark,	s. m.	*Syracuse.*	
Emel Lillian Cowell,	s. p.	*Prattsburgh,*	1485 S. Salina
Adelaide Sedgwick Crane,	s. m.	*Hastings, Neb.,*	912 Alvord
Almira Elizabeth Cronk,	s. m.	*Canastota.*	
Florence G. Cunningham,	s. m.	*Syracuse,*	Hall of Languages
J. Harte Cunningham,	s. m.	*Syracuse,*	Crouse College
Nina Estah Cunningham,	s. m.	*Syracuse,*	Hall of Languages
Lena Adelaide Dakin,	s. m.	*Syracuse,*	308 Orange
Charlotte Elizabeth David,	s. m.	*Fulton,*	702 Crouse ave
Ethel May Durling,	s. p.	*Seneca Falls,*	Fairmount
Dora Louisa Ely,	s. m.	*Syracuse,*	1406 Grape
Ethel Estella Julia Embury,	s. m.	*Syracuse,*	710 E. Jefferson
Theresa Frantz,	s. m.	*Canoga.*	
Hiram E. Fredenburgh,	s. m.	*Syracuse,*	
Claire Ardena Fredericks,	s. p.	*Syracuse,*	212 Highland
Louis Keeler Fritcher,	s. ar.	*Syracuse,*	211 Baker
Isabella Cordelia Gage,	s. m.	*Syracuse,*	614 University ave
Lillian W. Goldacker,	s. m.	*Syracuse,*	1226 Butternut
Margaret Gordon,	s. m.	*Oswego.*	
Lorenzo Dow Gray,	s. m.	*Rochester,*	Jervis House
Mrs. John W. Grastorf,	s. p.	*Wellsville,*	1025 E. Fayette
Grace Mildred Green,	s. m.	*Syracuse,*	1025 E. Fayette
Lydia Cornelia Greenleaf,	s. m.	*Watertown,*	108 Waverly Place
Anna Blanche Guilfoyle,	s. m.	*Jordan.*	
Eva Laura Hamilton,	s. m.	*Summit Station,*	E. Fayette
Mrs. Charles G. Hanchett,	s. m.	*Syracuse,*	115 Fitch
Alice Haney,	s. m.	*Watertown.*	
Anna Marion Harbottle,	s. m.	*Syracuse.*	
Mrs. Geo. W. Hawley,	s. m.	*Syracuse,*	214 W. Castle
M. Estella Heagerty,	s. m.	*Syracuse,*	606 Burnet ave
Stella Mary Hess,	s. m.	*West Amboy,*	611 Bear
Adelaide Lorena Hinds,	s. m.	*Syracuse,*	639 S. Salina
Jessie Hinds,	s. m.	*Syracuse.*	
Ada Cornelia Holmes,	s. m.	*Franklinville,*	*K. K. Γ.* Chap. H
Gertrude A. Hopkins,	s. m.	*Syracuse,*	306 Lock
Mary Josephine Horn,	s. m.	*Syracuse,*	614 Crouse ave
Grace Howard,	s. m.	*Jordan.*	
May Hudson,	s. p.	*Syracuse,*	200 Comstock ave
May Zella Hunt,	s. m.	*Canastota.*	419 Irving

Edith Morton Hutchinson,	s. m.	*Phoenix.*	
Joel Henry Jacobson,	s. m.	*Syracuse,*	Almond
Mabel Emma Jacoby,	s. m.	*Syracuse.*	500 Townsend
Frank Byron Jenks,	s. m.	*Syracuse,*	205 Shonnard
Lulu Kaufman,	s. m.	*Alleghany,*	Cortland
Pauline A. Keehner,	s. m.	*Syracuse,*	514 Fabius
Adda Eldora Kelley,	s. m.	*Finlay, O,*	907 Adams
Mabel A. Kelley,	s. m.	*Syracuse.*	211 East ave
Mabel Arretta Kenyon,	s. m.	*Syracuse,*	1005 Harrison
Anna Submitte King,	s. m.	*Syracuse,*	215 Sabine
Jessie E. Kinsey,	s. m.	*Rush,*	620 Crouse ave
Alice Lavina Klink,	s. m.	*Syracuse,*	416 Division
Isadore Jessie Levy,	s. m.	*Syracuse,*	763 Harrison
Fred Ziah Lewis,	s. m.	*Auburn,*	413 Bear
George Henry Madison,	s. m.	*Syracuse,*	308 Warren
May Winifred Marcellus,	s. m.	*Syracuse.*	210 Burnet ave
George Maurer, Jr.,	s. m.	*Liverpool,*	
Laura Mercer,	s. m.	*Syracuse,*	
A. Frederick Miller,	s. m.	*Syracuse,*	204 Gifford
George Hunter Myers,	s. m.	*Decatur, Ind,*	
Elizabeth May O'Brien,	s. m.	*Baldwinsville,*	
George Elmer O'Bryon,	s. m.	*Elmira,*	*Φ. Δ. Θ.* Chap. H
Lida M. O'Bryon,	s. m.	*Syracuse,*	
M. Eugenia Oliver,	s. m.	*Syracuse,*	700 Irving
Stephen Clifford Ormsbee,	s. m.	*Syracuse,*	614 Irving
Camilla Emily Pelton,	s. m.	*Syracuse,*	704 Madison
Nellie Perry,	s. m.	*Auburn.*	
William A. Perry,	s. b. l.	*Canajoharie,*	
Helen Frances Phillips,	s. m.	*Syracuse,*	1105 E. Genesee
Jerome V. Potter,	s. m.	*Syracuse,*	622 Gifford
Mabel Anna Robertson,	s. m.	*East Onondaga,*	1107 S. Salina
Irma Louisa Ryan,	s. m.	*Syracuse.*	434 S. Salina
Nina Louisa Sawyer,	s. m.	*Syracuse,*	247 Midland ave
Fred Parmenter Schenck,	s. m.	*E. Orange, N. J.*	*Φ. Δ. Θ.* Chap. H
Agnes May Scott,	s. m.	*Syracuse,*	1515 S. Salina
Stewart Scott,	s. m.	*Bridgeport,*	107 Waverly Place
Ella Agnes Seager,	s. m.	*Syracuse,*	220 Onondaga
Laura Emma Single,	s. m.	*Syracuse,*	407 Prospect ave
Elizabeth C. Smalley,	s. m.	*Syracuse.*	607 University ave
Frank Mather Smalley,	s. m.	*Syracuse,*	607 University ave

Eva Marian Smith,	s. m.	*Syracuse*,	1004 E. Adams
Cora Bell Snavlin,	s. m.	*Syracuse*,	502 Cortland ave
Sara Eva Soblovage,	s. m.	*Syracuse*,	306 Cedar
Maude Soldan,	s. m.	*Syracuse*,	513 Townsend
Mamie Spring,	s. m.	*Syracuse*,	358 Westcott
Holt Starin,	s. m.	*Syracuse*,	302 Tallman
James E. Steenburgh,	s. m.	*Fort Hunter*,	611 Irving
Irene Stevenson,	s. m.	*S. W. Oswego*,	713 Crouse ave
Elsie Stewart,	s. m.	*Syracuse*,	The Kenyon
Alice M. Stobo,	s. m.	*Syracuse*,	170 Holland
Julia Crego Tilley,	s. m.	*Memphis*,	
Mary Webster Titus,	s. m.	*Moriah Center*,	109 Caroline
Grace Gardner Truair,	s. m.	*Syracuse*,	558 Cedar
Stephen Barker Vernon,	s. m.	*Syracuse*,	717 E. Genesee
Mrs. Albert Vickers,	s. m.	*Syracuse*,	420 James
Lillian Mae Wagner,	s. m.	*Syracuse*,	112 Tremont
Mrs. Frank R. Walker,	s. m.	*Baldwinsville*.	
Franklyn Wallace,	s. m.	*Syracuse*	408 Fabius
Genevieve Willetta Warren,	s. p.	*Syracuse*.	324 Warren
Mabel Jane Wessel,	s. m.	*Syracuse*,	617 Leonard
Laura Alta Wilbur,	s. m.	*Syracuse*,	700 Crouse ave
Harriet Emily Wilkin,	s. p.	*Fayetteville*.	
Mary Elizabeth Williams,	s. m.	*Exeter*,	604 E. Fayette
May Elizabeth Wilson,	s. m.	*Syracuse*,	104 Holland
Maud M. Winters,	s. m.	*Syracuse*,	402 Walnut Place
Ollie Augusta Wittneben,	s. m.	*Syracuse*,	411 Kirkpatrick
Winifred Lela Yates,	s. m.	*Tomhannock*	
Ida Rosella Young,	s. m.	*Syracuse*,	408 Cherry
Bertha Zenner,	s. m.	*Syracuse*,	206 Cedar

College of Medicine.

THIRD YEAR STUDENTS.

		City Address.
Mrs. G. E. Avery,	*Syracuse,*	Avery ave
Frank E. Burdick,	*South Richland,*	419 Irving
William Burke,	*East Syracuse,*	108 Madison
H. Bertha R. Chase,	*Syracuse,*	26 The Lyndon
James Nelson Elliott,	*New York,*	332 Montgomery
Joseph T. D. Fischer,	*Syracuse,*	606 University ave
W. T. Lum,	*Northampton, Mass.,*	305 Montgom'y
D. W. Pierce,	*Central Square,*	515 Hickory
James M. Routledge,	*Syracuse,*	105 Elizabeth
J. H. Sullivan,	*Syracuse,*	330 Midland ave
Lucian H. Shepherd,	*Oswego,*	763 Irving
Arthur W. Thomas,	*Fabius,*	317 Delaware
Warren L. Wetmore,	*Mexico,*	213 Niagara
Cornelia D. White,	*Syracuse,*	500 W. Onondaga
Charles F. Wiley,	*Syracuse,*	706 Harrison
Kent E. Williams,	*Adams Centre,*	612 E. Fayette

SECOND YEAR.

Ernest W. Bennett,	*Lima,*	611 Almond
John J. Buettner,	*Syracuse,*	967 Mulberry
George B. Broad,	*Onondaga,*	Elmwood
William Henry Coe,	*Auburn,*	801 E. Fayette
William Cregg,	*Howlett Hill,*	214 Niagara
Vinnie R. Davis,	*Orwell,*	330 Montgomery
Harriet M. Doane,	*Pulaski,*	761 Irving
Frederick H. Flaherty,	*Chittenango,*	406 Niagara
Charles Henry Gallagher,	*Slaterville Springs,*	323 Montgomery
C. Floyd Haviland,	*Fulton,*	E. Jefferson
Henry Arthur Hoyt,	*Monroe,*	312 James
Frederick D. Keppel,	*Clyde.*	610 E. Genesee
Theodore J. Kieffer,	*Syracuse,*	517 Townsend

Albert C. Knapp,	*Etna*,	303 Montgomery
Herbert L. Lane,	*Prescott, Ont*,	E. Jefferson
Michael Milton Lucid,	*Otisco*,	330 Montgomery
Charlotte E. Mastin,	*Wellsboro, Pa.*,	618 Irving
Fred L. Morgan,	*Syracuse*,	713 Court
Charles C. Mullin,	*Syracuse*,	710 E. Fayette
Louise A. Murray,	*Syracuse*,	410 First North
Edward L. Parker,	*Geneva*,	325 Montgomery
Elijah J. Osterhout,	*Mettacahonts*,	713 E. Fayette
Willie B. Reid,	*Parish*,	801 E. Fayette
William H. Richardson,	*Syracuse*,	131 Matson ave
John F. Schaefer,	*Syracuse*,	634 Catharine
William F. Singer, Jr.,	*Durhamville*,	215 Lemon
Joel Solomon,	*Syracuse*,	617 Montgomery
D. Orley Stranahan,	*Fulton*,	330 Montgomery
Ralph A. Wilcox,	*Manlius*,	419 Irving
George M. White,	*Syracuse*,	408 Douglas

FIRST YEAR.

Herbert Milton Babbitt,	*Syracuse*,	29 The Florence
John M. Barnum,	*Syracuse*,	305 Montgomery
Charles N. Blum,	*Syracuse*,	233 W. Genesee
George T. Boycheff,	*Bulgaria*.	111 Marshall
Robert Burns,	*Syracuse*,	314 Renwick ave
Charles Floyd Burrows,	*Perryville*,	728 E. Fayette
Robert Louis Crockett,	*Sandy Creek*,	1015 E. Adams
Tennyson L. Deavor,	*West Dublin, Pa.*,	111 Marshall
James L. Fleming,	*Syracuse*,	809 Almond
William J. F. Gere,	*Syracuse*,	514 Montgomery
George F. Goers,	*Syracuse*,	405 N. Geddes
W. F. Cregg,	*Howlett Hill*,	214 Niagara
Nicholas Grumbach,	*Syracuse*,	1125 Wolf
Mark Heiman,	*Syracuse*,	500 Madison
Frederick Honsinger,	*Rome*,	514 Montgomery
Louis F. Joy,	*Ilion*	
Albert E. Larkin,	*Camillus*,	611 E. Fayette
Grove E. Lawrence,	*Onondaga Hill*.	Onondaga Valley
Fred W. Manley,	*Anamosa, Iowa*,	111 Marshall
Joseph I. Manson,	*Syracuse*,	709 Orange
Edward L. McNamara,	*Syracuse*,	911 Almond

Robert L. Morgan,	*Syracuse*,	114 W. Kennedy
William G. Muench,	*Syracuse*,	608 N. Salina
Allen L. Remington,	*Whitesville*,	713 Irving
Francis J. Ryan,	*Syracuse*,	416 Fabius
Peter C. Ten Eyck,	*Seneca Falls*,	801 E. Fayette
Jesse E. Truitt,	*Syracuse*,	209 Oneida
Edward S. Van Duyn,	*Syracuse*,	427 S. Salina
F. William Van Lengen,	*Syracuse*,	606 Catherine
Le Grand Van Wagner,	*Syracuse*,	613 Irving
Jesse C. Waldo,	*Prattsburg*,	305 Montgomery
A. G. Watkins,	*Jamesville*,	Jamesville
H. C. Watkins,	*Jamesville*,	Jamesville
Charles Edward White, Jr.	*Syracuse*,	500 W. Onondaga
George Halleck White	*Syracuse*,	408 Douglas
Milford J. Whiteside,	*Syracuse*,	110 Henry

SPECIAL STUDENTS.

A. J. Abeel,	*Syracuse*,	715 S. Salina
Mary Velda Niles,	*Syracuse*,	526 Grape

Summary of Students.

COLLEGE OF LIBERAL ARTS.

Non-Resident Post-Graduate Students,		92
Resident Post-Graduates,		6
Senior Class,	48	
Junior Class,	48	
Sophomore Class,	77	
Freshman Class,	104	
Special Students,	38	315

COLLEGE OF FINE ARTS.

Resident Post-Graduate Students,		18
Senior Class,	16	
Junior Class,	44	
Sophomore Class,	75	
Freshman Class,	132	
Special Students,	123	390

COLLEGE OF MEDICINE.

Third Year,	16	
Second Year,	30	
First Year,	36	
Special Students,	2	84

COLLEGE OF LAW.

	00
	905
Names Repeated,	18
Total,	887

Sociology.

It is expected that a department of Sociology will be established in September, 1895, in the College of Liberal Arts, in charge of a Professor of eminence and ability, for the study and discussion of the abnormal conditions and social causes and effects of Vice, Crime and Pauperism; Charities and Charity Organizations, Housing the Poor: the History of Crime, the Criminal Classes; Asylums, Reformatories and Penal Institutions; and kindred topics. Lectures, discussions, assigned readings, and topical reports by the students will be included in the course.

FORM OF BEQUEST. (*Personal Property.*)

I give and bequeath to Syracuse University, located at the City of Syracuse, Onondaga County, and State of New York, the sum of . . . . . to be appropriated to the uses and purposes of the said University as by its Board of Trustees shall be deemed best (or appropriated to any other use to be carefully specified).

FORM OF A DEVISE. (*Real Estate.*)

I give and devise to Syracuse University, located at the City of Syracuse, Onondaga County, and State of New York, (here describe the property fully and accurately) to have and to hold the same for the uses and purposes of the said University, as by its Board of Trustees shall be deemed best, (or specify any particular purpose for which the lands are to be used).

CALENDAR, 1895.

JANUARY

S		6	13	20	27
M		7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	
S	5	12	19	26	

FEBRUARY

S		3	10	17	24
M		4	11	18	25
T		5	12	19	26
W		6	13	20	27
T		7	14	21	28
F	1	8	15	22	
S	2	9	16	23	

MARCH

S		3	10	17	24	31
M		4	11	18	25	
T		5	12	19	26	
W		6	13	20	27	
T		7	14	21	28	
F		8	15	22	29	
S		9	16	23	30	

APRIL

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

MAY

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

JUNE

S		2	9	16	23	30
M		3	10	17	24	
T		4	11	18	25	
W		5	12	19	26	
T		6	13	20	27	
F		7	14	21	28	
S	1	8	15	22	29	

JULY

S		7	14	21	28
M	1	8	15	22	29
T	2	9	16	23	30
W	3	10	17	24	31
T	4	11	18	25	
F	5	12	19	26	
S	6	13	20	27	

AUGUST

S		4	11	18	25
M		5	12	19	26
T		6	13	20	27
W		7	14	21	28
T	1	8	15	22	29
F	2	9	16	23	30
S	3	10	17	24	31

SEPTEMBER

S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	
W	4	11	18	25	
T	5	12	19	26	
F	6	13	20	27	
S	7	14	21	28	

OCTOBER

S		6	13	20	27
M		7	14	21	28
T	1	8	15	22	29
W	2	9	16	23	30
T	3	10	17	24	31
F	4	11	18	25	
S	5	12	19	26	

NOVEMBER

S		3	10	17	24
M		4	11	18	25
T		5	12	19	26
W		6	13	20	27
T		7	14	21	28
F	1	8	15	22	29
S	2	9	16	23	30

DECEMBER

S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	31
W	4	11	18	25	
T	5	12	19	26	
F	6	13	20	27	
S	7	14	21	28	

1896.

JANUARY

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	31
S	4	11	18	25	

FEBRUARY

S		2	9	16	23
M		3	10	17	24
T		4	11	18	25
W		5	12	19	26
T		6	13	20	27
F		7	14	21	28
S	1	8	15	22	29

MARCH

S	1	8	15	22	29
M	2	9	16	23	30
T	3	10	17	24	31
W	4	11	18	25	
T	5	12	19	26	
F	6	13	20	27	
S	7	14	21	28	

APRIL

S		5	12	19	26
M		6	13	20	27
T		7	14	21	28
W	1	8	15	22	29
T	2	9	16	23	30
F	3	10	17	24	
S	4	11	18	25	

Calendar.

1895.

March 21, *Thursday*—Winter term ends.
" 22, *Friday*—Supplementary examinations.
" 26, *Tuesday*—Spring term begins.
May 15, *Wednesday*—Seniors present their Commencement Orations.
" 20–24, Final examination of seniors.
June 4, *Tuesday*—Second term of the College of Medicine ends.
" 1–6, Term examinations.
" 8, *Saturday*—10 A. M.—Annual meeting of University Senate.
" 9, *Sunday*—10:30 A. M.—Baccalaureate Sermon.
" 10–12, *Monday–Wednesday*—Annual Exhibition of the Works of Art produced during the year.
" 10, *Monday*, 9 A. M.—Entrance examinations begin.
3 P. M.—Class Day exercises.
8 P. M.—Annual Musical Soiree.
" 11, *Tuesday*, 10 A. M.—Annual meeting of Trustees.
10 A. M.—Annual meeting of Alumni Association.
8 P. M.—Literary meeting of Alumni Association.
" 12, *Wednesday*, 2 P. M.—COMMENCEMENT.
" 13, *Thursday*—Summer vacation begins.
Sept. 20, *Monday*, 9 A. M.—Entrance and Supplementary examinations.
" 23, *Wednesday*—First term of the College of Law begins.
" 24, *Thursday*—Fall term begins. Students assemble in Crouse College Hall at 9:30 A. M.
Oct. 1, *Tuesday*—First term of the College of Medicine begins.
" 28–30, *Thursday–Saturday*—Thanksgiving recess.
Dec. 16–20—Term examinations.
" 20, *Friday*—Fall term ends. Holiday recess begins.

1896.

Jan. 3, *Friday*—Winter term begins.
" 30, *Thursday*—Day of prayer for colleges.
" 30, *Thursday*—First term of the College of Law ends.
Feb. 3, *Monday*—Second term of the College of Law begins.
" 4, *Tuesday*—First term of the College of Medicine ends.
" 5, *Wednesday*—Second term of the College of Medicine begins.
March 19–24—Term examinations.
" 24, *Tuesday*—Winter term ends.
" 25, *Wednesday*—Supplementary examinations.
" 26, *Thursday*—Spring term begins.
May 28, *Thursday*—Second term of the College of Law ends.

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